

' C L E M E N T J . Z A B L O C K I V A M E D I C A L C E N T E R '

5000 W. NATIONAL AVE.
MILWAUKEE, WI

BUILDING NO. 41

REPAIR BUILDING SERVICE & ROOF TRUSS STABILIZATION

CAMPUS MAP

PROJECT TEAM

PROJECT LEADER/STRUCTURAL ENGINEER

CHEQUAMEGON BAY ENGINEERING, INC.
ASHLAND, WI
211 6TH STREET WEST
ASHLAND, WI 54805
PHONE: (715) 682-6004
FAX: (715) 682-6025
MILWAUKEE, WI
1109 N. MAYFAIR RD.,
SUITE 208
MILWAUKEE, WI 53226
PHONE: (414) 258-6004
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ARCHITECT

PLUNKETT-RAYSICH ARCHITECTS

11000 WEST PARK PLACE
MILWAUKEE, WI 53224
PHONE: (414) 359-3060
FAX: (414) 359-3070

STRUCTURAL ENGINEER

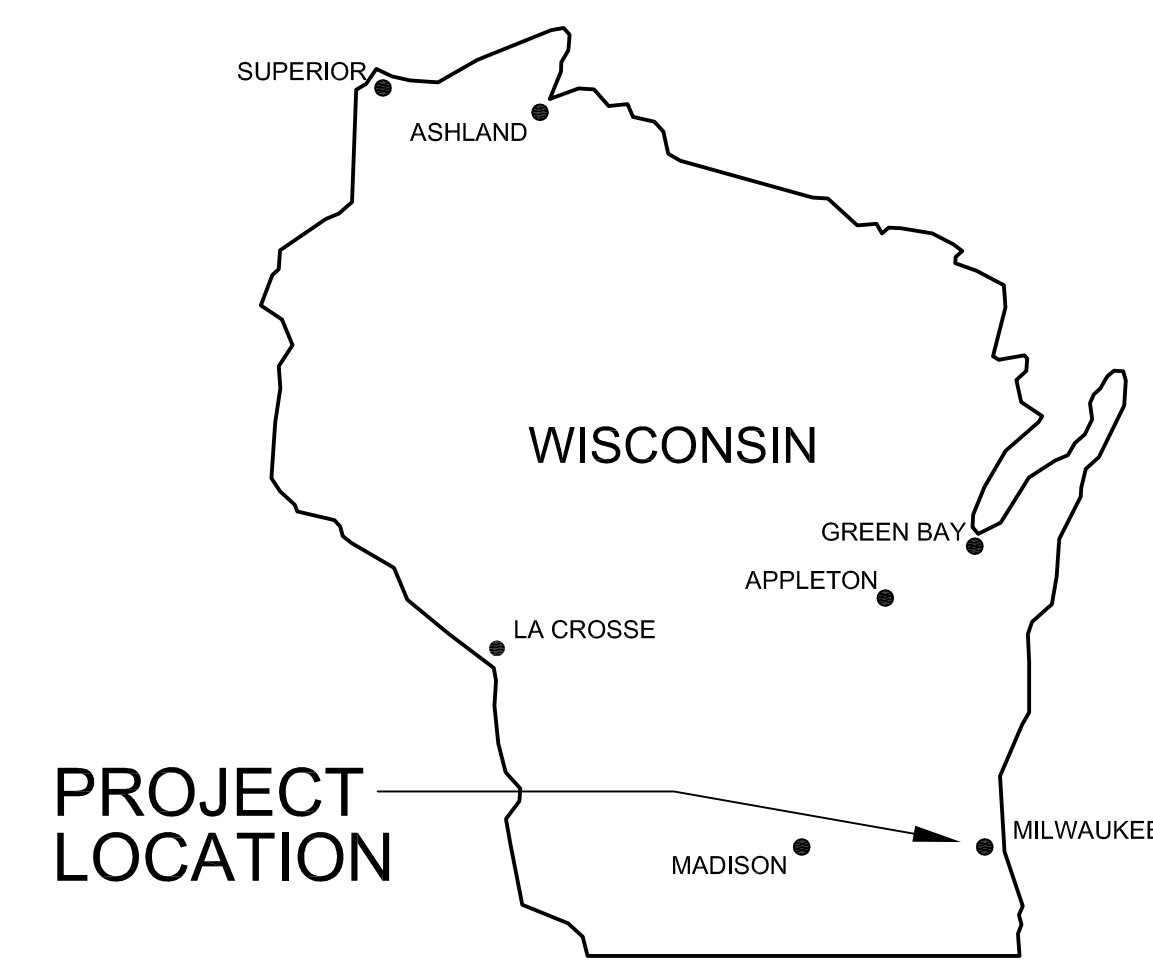
ARNOLD & O'SHERIDAN

4125 N 124TH ST
BROOKFIELD, WI 53005
PHONE: (262) 790-5322
FAX: (262) 793-9121

SHEET INDEX

SHEET NO.	SHEET TITLE	ISSUED FOR 35% CONST. DOCS.	ISSUED FOR 95% CONST. DOCS.	ISSUED FOR 95% CONST. DOCS.	ISSUED FOR 100% CONST. DOCS.	ISSUED FOR FINAL CONST. DOCS.
	ISSUE DATE:	12/22/2011	2/10/2012	3/7/2012	5/8/2012	6/19/2012
GENERAL INFORMATION/TITLE SHEETS						
G001	TITLE SHEET, PROJECT INFORMATION, & SHEET INDEX	X	X	X	X	X
G100	BASEMENT LEVEL/FOUNDATION PLAN - EXISTING CONDITIONS	X	X	X	X	X
G101	FIRST FLOOR LEVEL PLAN - EXISTING CONDITIONS	X	X	X	X	X
G102	MEZZANINE LEVEL PLAN - EXISTING CONDITIONS	X	X	X	X	X
G103	UPPER MEZZANINE LEVEL/LOWER LEVEL ROOF PLAN - EXISTING CONDITIONS	X	X	X	X	X
G104	UPPER LEVEL ROOF PLAN - EXISTING CONDITIONS	X	X	X	X	X
ARCHITECTURAL DRAWINGS						
A100	BASEMENT LEVEL/FOUNDATION PLAN - ARCHITECTURAL REPAIRS		X	X	X	X
A101	FIRST FLOOR LEVEL PLAN - ARCHITECTURAL REPAIRS	X	X	X	X	X
A102	NOT USED					
A103	UPPLER MEZZANINE LEVEL/LOWER LEVEL ROOF PLAN - ARCHITECTURAL REPAIRS	X	X	X	X	X
A104	UPPER LEVEL ROOF PLAN - ARCHITECTURAL REPAIRS	X	X	X	X	X
A500	LONGITUDINAL SECTION (FOR REFERENCE ONLY)			X	X	X
STRUCTURAL DRAWINGS						
S100	BASEMENT LEVEL/FOUNDATION PLAN - STRUCTURAL REPAIRS & ASSOCIATED DETAILS	X	X	X	X	X
S101	FIRST FLOOR LEVEL PLAN - STRUCTURAL REPAIRS & ASSOCIATED DETAILS	X	X	X	X	X
S102	NOT USED					
S103	NOT USED					
S104	UPPER LEVEL ROOF PLAN - STRUCTURAL REPAIRS & ASSOCIATED DETAILS	X	X	X	X	X
S400	TRUSS REPAIR DETAILS	X	X	X	X	X
S401	BEAM REPAIR		X	X	X	X
S402	DETAILS		X	X	X	X

LOCATION MAP



GENERAL PROJECT NOTES

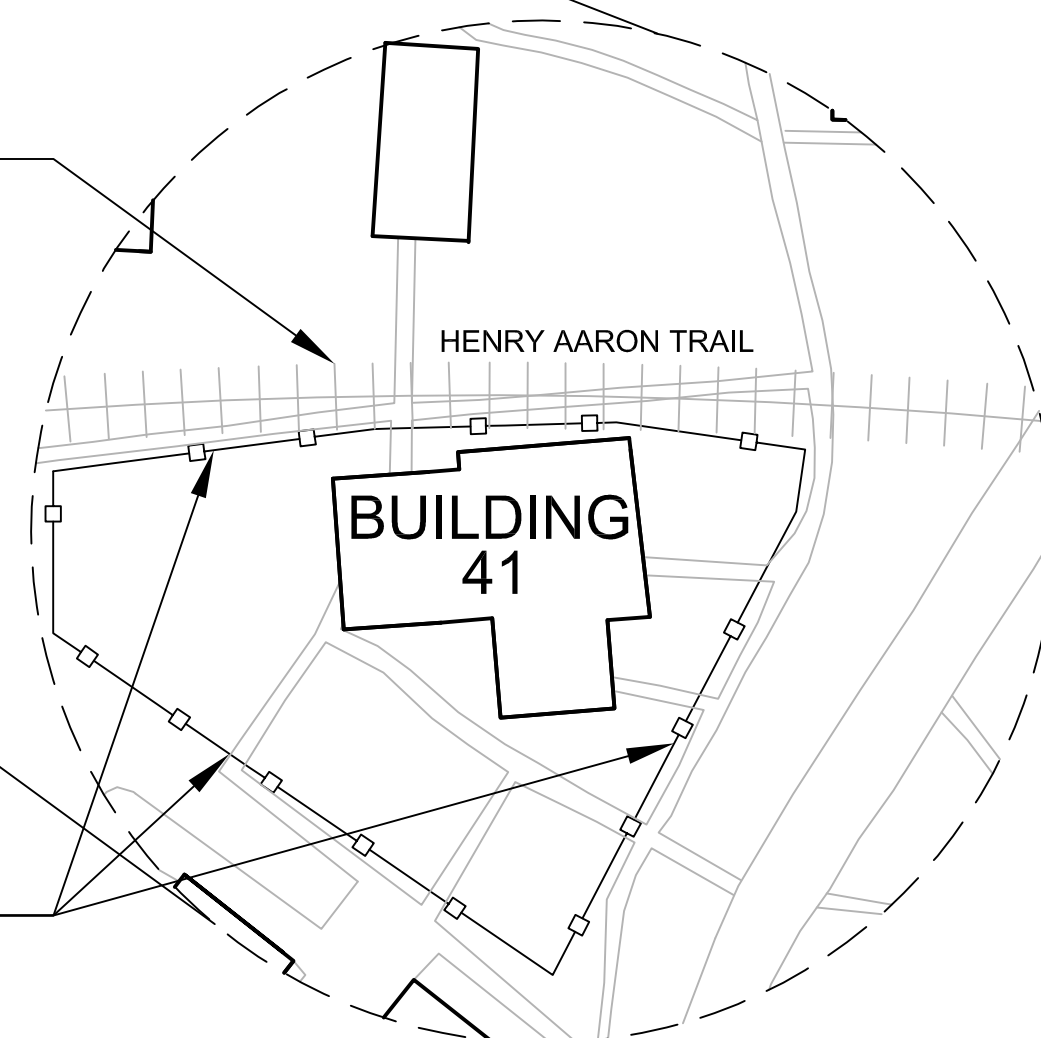
- IN THE CASE OF CONFLICTS OR DISCREPANCIES WITHIN OR AMONG THE CONTRACT DRAWINGS, THE BETTER QUALITY, MORE STRINGENT REQUIREMENTS OR GREATER QUANTITY OF WORK, AS DETERMINED BY THE GOVERNMENT, SHALL BE PROVIDED.
- SEE BID SCHEDULE FOR ALTERNATE BID INFORMATION.

CONSTRUCTION FENCE LIMITS

PROJECT SITE LOCATION

NEW CONSTRUCTION FENCE SHALL NOT ENCROACH ONTO HENRY AARON TRAIL

LIMITS OF NEW CONSTRUCTION FENCE - SEE SPECIFICATIONS FOR DESIGN REQUIREMENTS



FINAL CONSTRUCTION DOCUMENTS

Revisions:	Date	Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI		KEY PLAN:	CONSULTANTS: 11000 West Park Place • Milwaukee WI 53224 • Tel 414 359-3060 • Fax 414 359-3070 www.praarch.com	PROJECT LEADER/STRUCTURAL ENGINEER: ASHLAND, WI 211 6TH STREET WEST ASHLAND, WI 54805 PHONE: (715) 682-6004 FAX: (715) 682-6025 MILWAUKEE, WI 1109 N. MAYFAIR RD., SUITE 208 MILWAUKEE, WI 53226 PHONE: (414) 258-6004 FAX: (414) 258-6154	Drawing Title Titlesheet, Project Information & Sheet Index Approved: Project Director	Project Title Building No. 41 - Repair Building Service & Roof Truss Stabilization Location VA Medical Center, Milwaukee, WI Date 19 June 2012 Checked By: WGK Drawn By: KJS	Project Number 695-11-171 Building Number 41 Drawing Number G001	Office of Facilities Management Department of Veterans Affairs
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	EXISTING WALLS TO REMAIN		SHORING LIMITS
	EXISTING MASONRY WALLS TO REMAIN		DETAIL REFERENCE
	EXISTING DOOR TO REMAIN		PLAN NOTE
	PHOTO OF EX'G. CONDITION		ROOM NAME & ELEVATION
			DETAIL REFERENCE

- A. BUILDING IS PART OF NATIONAL REGISTER OF HISTORIC PLACES. ALL WORK WILL BE CARRIED OUT IN ACCORDANCE WITH THE SECRETARY OF THE INTERIORS STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES, PARTICULARLY, THE STANDARDS FOR PRESERVATION.
- B. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NORMAL).
- C. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.
- D. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL PLACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING FITTING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.
- E. CONTRACTOR RESPONSIBLE FOR PROPER ABATEMENT OF ANY HAZARDOUS MATERIALS REQUIRED TO BE REMOVED IN AREAS AFFECTED BY SHORING INSTALLATION AS PART OF BASE BID.
- F. CONTRACTOR SHALL ENSURE ALL CURRENTLY OPERATING MECHANICAL, PLUMBING AND ELECTRICAL SERVICES ARE MAINTAINED THROUGHOUT THE SHORING INSTALLATION AS PART OF THE BASE BID.
- G. CONTRACTOR RESPONSIBLE FOR DESIGN DETAILS AND INSTALLATION OF ALL SHORING. MAINTAIN EXISTING MATERIALS AND CONDITIONS WHERE EVER POSSIBLE. ANY MATERIALS REMOVED OR DAMAGED SHALL BE REPLACED.
- H. CONTRACTOR TO PATCH EXTERIOR WALLS WHERE DAMAGE HAS OCCURRED FROM ROOF STRUCTURE. BUILDINGS TO BE BROUGHT BACK TO ORIGINAL CONDITION AND WATER TIGHT AT THESE AREAS AS SPEC'D IN CONTRACT DOCUMENTS. LIMITS OF CONSTRUCTION NOTICED ON EXISTING CONDITION PATCHES.
- I. CONTRACTOR RESPONSIBLE FOR REINSTALLATION OF ALL ITEMS REMOVED AND STORED. EXTREME CARE SHALL BE TAKEN IN HANDLING OF REMOVED, STORED AND REINSTALLED ITEMS. EVERY EFFORT SHALL BE MADE TO MAINTAIN EXISTING DURING CONSTRUCTION. REMOVAL OF AND REINSTALLATION OF ITEMS SHALL BE DONE IN A CAREFUL MANNER AND/OR HOLDINGS AND THOSE ITEMS NEEDED TO BE REMOVED DURING CONSTRUCTION.

- ① SHORING NOTES:
 - GENERAL EXTENT OF SHORING LIMITS INDICATED ON FLOOR PLANS
 - ORCHESTRA PIT COVER AND RAILING TO BE REMOVED AND STORED FOR REINSTALLATION
 - FLOOR SURFACES USED TO MAKE FLAT SEATING BASE TO BE REMOVED AND STORED FOR REINSTALLATION
 - REMOVAL OF STAGE EXTENSION FOR STORAGE AND REINSTALLATION
 - STAGE STAIR AND STAIR RAILING REMOVAL OPTIONAL BASED ON EXTENTS OF SHORING
- ② APPROXIMATE LOCATION OF FAILING ROOF TRUSS ABOVE.
- ③ APPROXIMATE LOCATION OF FAILING ROOF BEAM ABOVE.
- ④ NO SHORING PERMITTED ABOVE OR BELOW BALCONY.
- ⑤ NO SHORING PERMITTED IN BACKSTAGE AREA.
- ⑥ NO SHORING PERMITTED IN AREA BENEATH BALCONIES, BOXES AND STAIRS.
- ⑦ CONTRACTOR ACCESS THROUGH THIS DOOR.
- ⑧ CONTRACTOR STAGING AND LIGHT TOOL STORAGE AREA.
- ⑨ CONTRACTOR ACCESS NOT PERMITTED IN THIS AREA.
- ⑩ STORAGE AREA FOR REMOVED ITEMS.

Office of
Facilities
Management

 Department of
Veterans Affairs

A

B

C

D

E

F

A

B

C

D

E

F

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

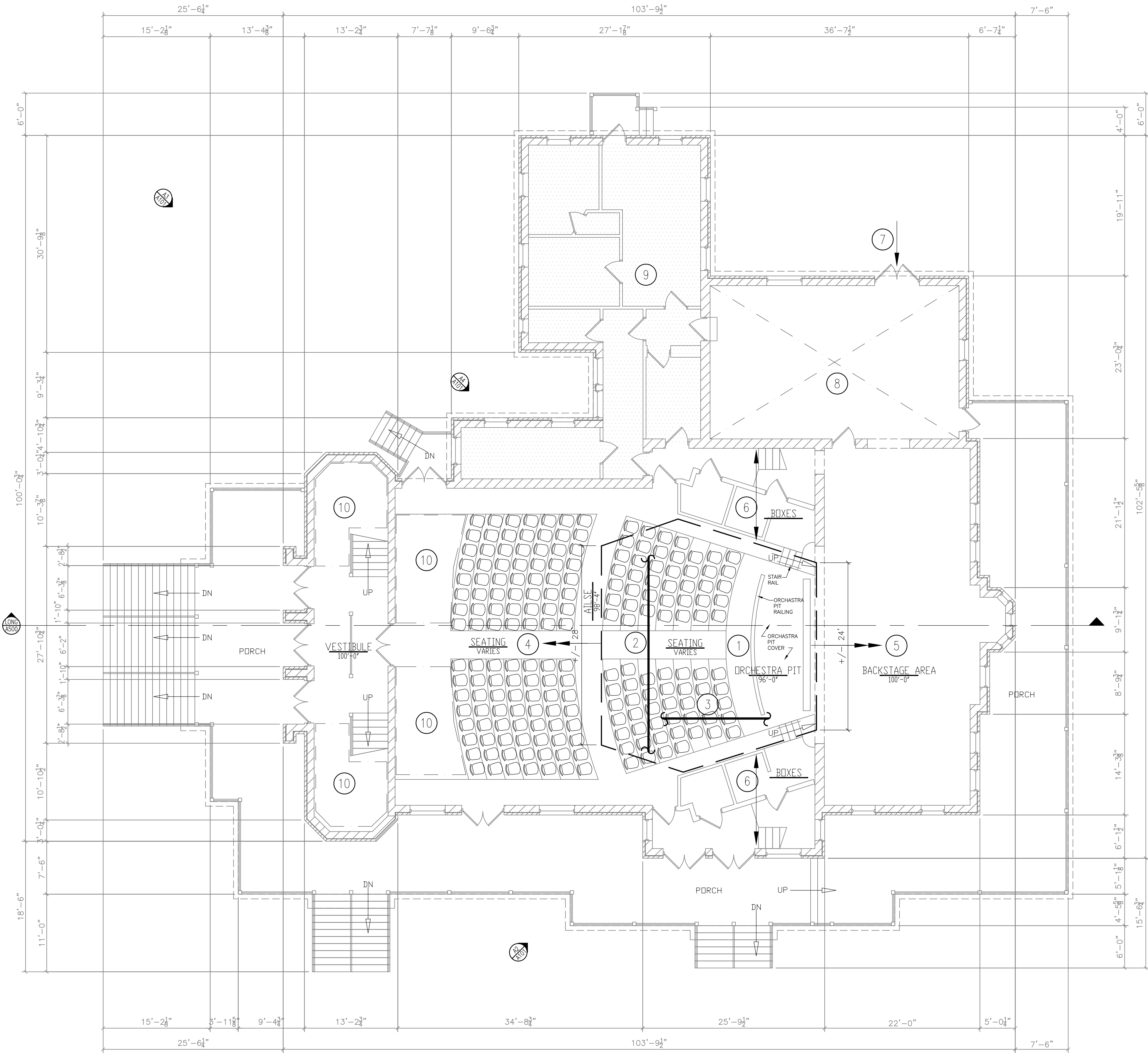
one quarter inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

one eighth inch = one foot



NOTE:
DUE TO THE HISTORIC NATURE OF THE BUILDING, ANY SCAFFOLDING THE CONTRACTOR MAY CHOOSE TO ERECT TO ASSIST IN REMOVAL, SALVAGE, REPLACEMENT AND TUCKPOINTING OF THE BRICK MASONRY, ROOFING, GUTTERS, DOWN SPOUTS AND FLASHING SHALL BE COMPLETELY STABLE AND SELF SUPPORTING WITHOUT FASTENING TO THE EXISTING BUILDING IN ANY WAY. NO ATTACHMENT OF ANY KIND TO THE EXISTING BUILDING PERMITTED. CONTRACTOR MUST DESIGN AND ERECT SCAFFOLDING TO MAINTAIN A MINIMUM OF 12 INCHES BETWEEN FACE OF SCAFFOLDING AND EXISTING BUILDING.

FIRST FLOOR LEVEL PLAN - ARCHITECTURAL REPAIRS

SCALE: 3/8" = 1'-0"

FLOOR PLAN NOTES

- SHORING NOTES:
 - GENERAL EXTENT OF SHORING LIMITS INDICATED ON FLOOR PLANS
 - ORCHESTRA PIT COVER AND RAILING TO BE REMOVED AND STORED FOR REINSTALLATION
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- NO SHORING PERMITTED IN BACKSTAGE AREA.
- NO SHORING PERMITTED IN AREA BENEATH BALCONIES, BOXES AND STAIRS.
- CONTRACTOR ACCESS THROUGH THIS DOOR.
- CONTRACTOR STAGING AND LIGHT TOOL STORAGE AREA.
- CONTRACTOR ACCESS NOT PERMITTED IN THIS AREA.
- STORAGE AREA FOR REMOVED ITEMS.



A1 PHOTOGRAPH OF EAST WALL

NTS
REF PATCH

EXTERIOR PHOTOGRAPH - SYMBOLS LEGEND

- AREA TO BE REBUILT
- AREA OF TUCK POINTING
- TEST PATCH
- CONSTRUCTION LIMITS

PHOTOGRAPH - GENERAL NOTES

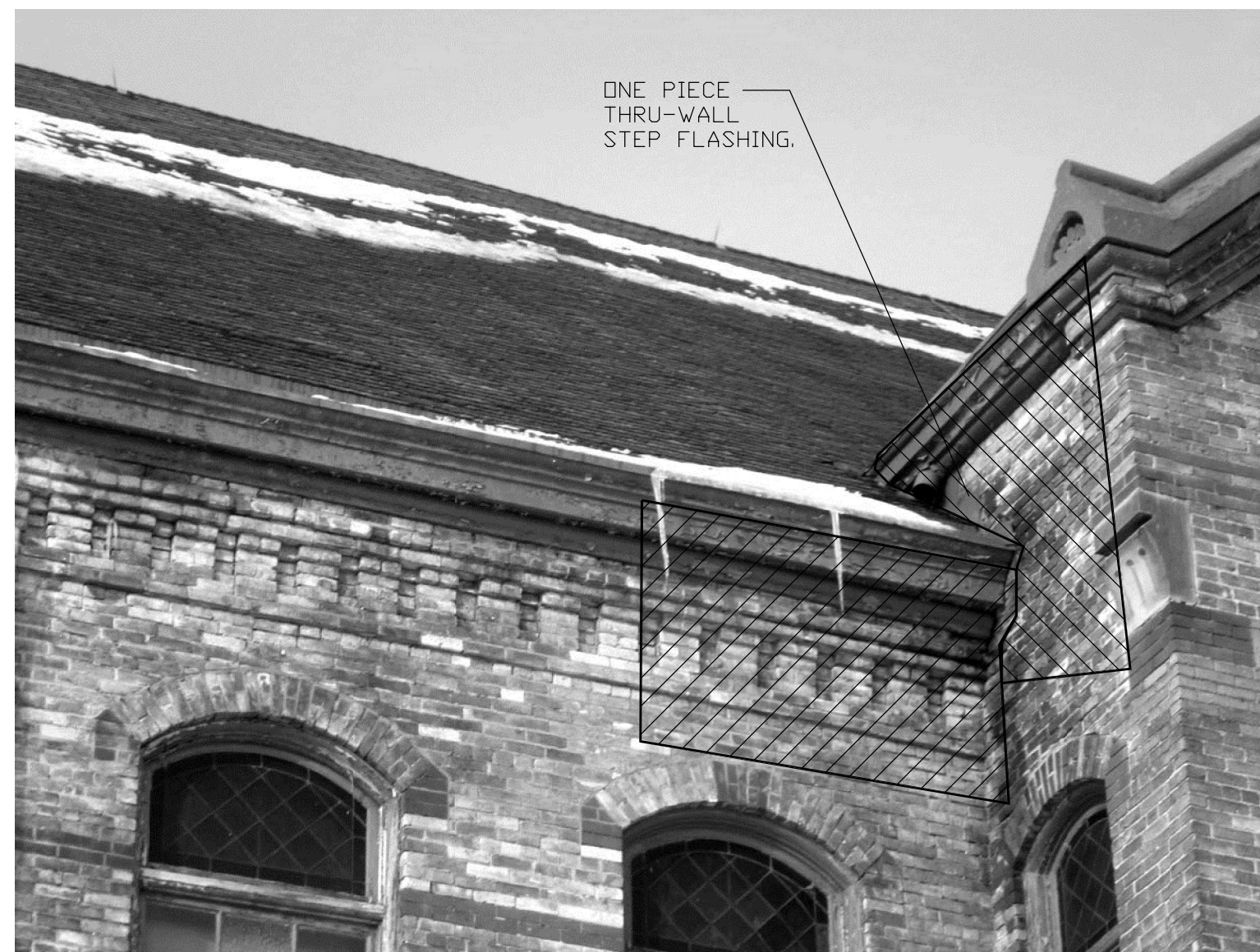
- VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE.
 - CONTRACTOR RESPONSIBLE FOR PROPER ABATEMENT OF ANY HAZARDOUS MATERIALS REQUIRED TO BE REMOVED IN AREAS AFFECTED BY SCAFFOLDING INSTALLATION AS PART OF BASE BID.
 - CONTRACTOR RESPONSIBLE FOR DESIGN, DETAILS AND INSTALLATION OF ALL SCAFFOLDING. MAINTAIN EXISTING MATERIALS AND CONDITIONS WHERE EVER POSSIBLE. ANY MATERIALS REMOVED OR DAMAGED SHALL BE REPLACED WITH LIKE MATERIALS OF SAME SIZE, SHAPE AND COMPOSITION.
- #### PHOTOGRAPH NOTES - BY PHOTOGRAPH
- EAST ELEVATION
 - CONSTRUCTION LIMITS FOR EXTERIOR PORTION OF BUILDING INCLUDING TUCK POINTING, WALL RECONSTRUCTION, TRUSS RECONSTRUCTION, ROOFING INCLUDING CAULKING.
 - TUCK POINTING TEST PANEL LOCATION.
 - EAST ELEVATION
 - CONSTRUCTION AREA FOR WALL RECONSTRUCTION AT TRUSS AND TUCK POINTING.
 - WEST ELEVATION
 - CONSTRUCTION LIMITS FOR EXTERIOR PORTION OF BUILDING INCLUDING TUCK POINTING AND WALL RECONSTRUCTION, TRUSS RECONSTRUCTION AND ROOFING.
 - WEST ELEVATION
 - CONSTRUCTION AREA FOR WALL RECONSTRUCTION AT TRUSS AND TUCK POINTING.

FLOOR - SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING MASONRY WALLS TO REMAIN
- EXISTING DOOR TO REMAIN
- PHOTO OF EXTG CONDITON
- SHORING LIMITS
- DETAIL REFERENCE
- PLAN NOTE
- ROOM NAME
- ROOM NAME & ELEVATION
- DETAIL REFERENCE

FLOOR PLAN - GENERAL NOTES

- BUILDING IS PART OF NATIONAL REGISTER OF HISTORIC PLACES. ALL WORK WILL BE CARRIED OUT IN ACCORDANCE WITH THE SECRETARY OF THE INTERIORS STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES, PARTICULARLY, THE STANDARDS FOR PRESERVATION.
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- VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.
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- CONTRACTOR RESPONSIBLE FOR REINSTALLATION OF ALL ITEMS REMOVED AND STORED. EXTREME CARE SHALL BE TAKEN IN HANDLING OF REMOVED, STORED AND REINSTALLED ITEMS. EVERY EFFORT SHALL BE MADE TO MAINTAIN EXISTING CONDITION DURING REMOVAL AND REINSTALLATION OF THESE ITEMS INCLUDING ANY SPECIFICALLY LISTED ITEMS, TRIM AND/OR MOLDINGS AND THOSE ITEMS NEEDED TO BE REMOVED DURING CONSTRUCTION.



A2 PHOTOGRAPH OF PARTIAL EAST WALL

NTS
REF PATCH



A3 PHOTOGRAPH OF WEST WALL

NTS
REF PATCH

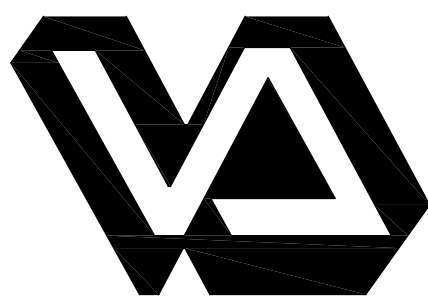


A4 PHOTOGRAPH OF PARTIAL WEST WALL

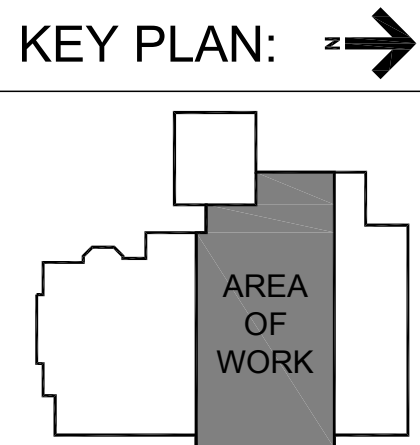
NTS
REF PATCH

FINAL CONSTRUCTION DOCUMENTS

Revisions:	Date



Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI



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Intelligent Designs Inspired Results
www.prrarch.com

PROJECT LEADER/STRUCTURAL ENGINEER:
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ENGINEERING, INC.
1109 N. MAYFAIR RD.,
SUITE 208
MILWAUKEE, WI 53208
PHONE: (414) 258-6004
FAX: (414) 258-6104

Drawing Title
First Floor Level Plan -
Architectural Repairs
Approved: Project Director

Project Title
Building No. 41 -
Repair Building Service &
Roof Truss Stabilization
Location
VA Medical Center, Milwaukee, WI
Date
19 June 2012
Checked By:
PRA
Drawn By:
rfk

Project Number
695-11-171
Building Number
41
Drawing Number
A101

Office of
Facilities
Management



three inches = one foot

one and one half inches = one foot

one inch = one foot

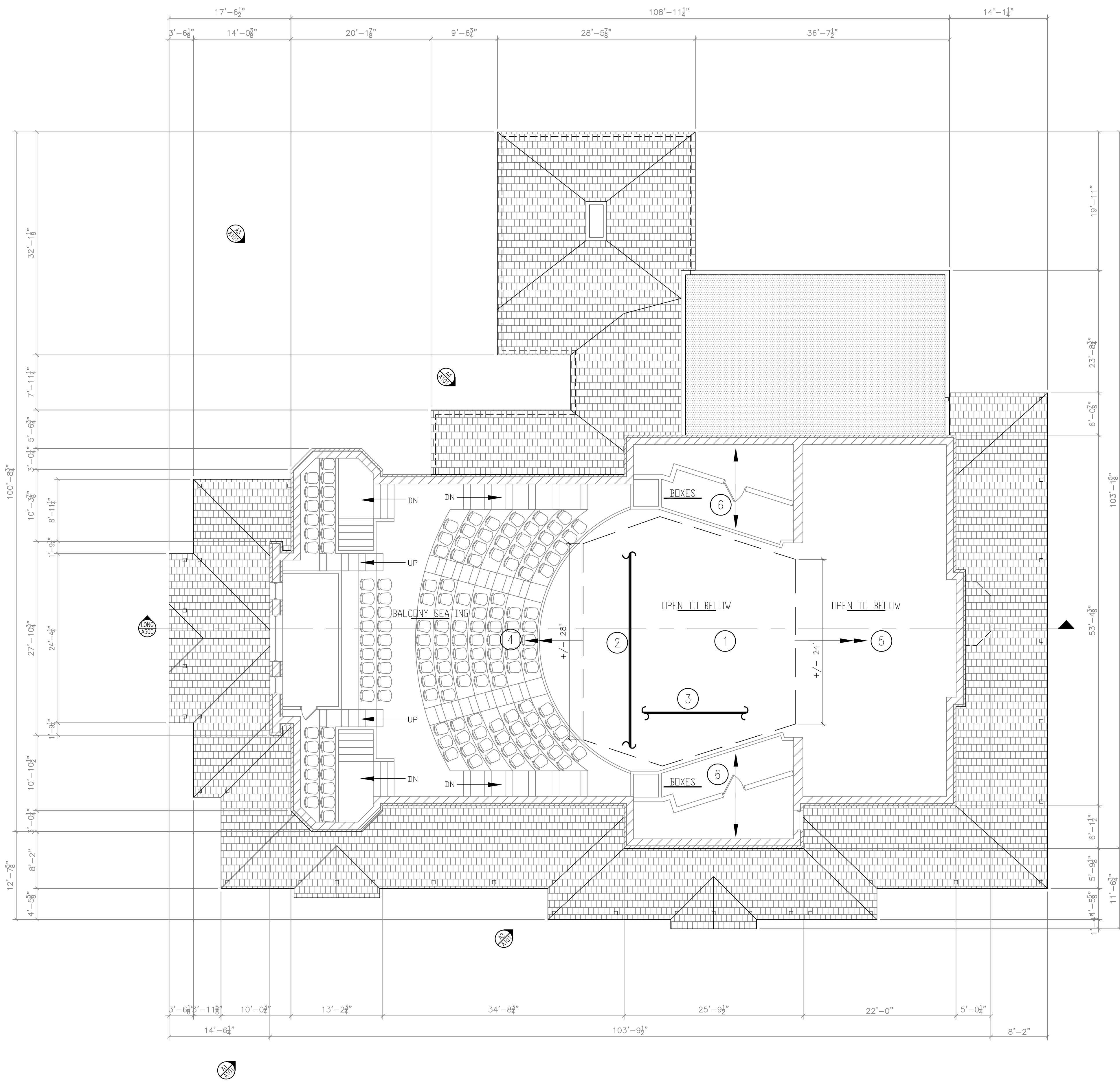
three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

one eighth inch = one foot

one sixteenth inch = one foot



UPPER MEZZANINE/
LOWER LEVEL ROOF PLAN -
ARCHITECTURAL REPAIRS

SCALE: 1/8" = 1'-0"

NOTE:
DUE TO THE HISTORIC NATURE OF THE BUILDING, ANY SCAFFOLDING THE CONTRACTOR MAY CHOOSE TO ERECT TO ASSIST IN REMOVAL, SALVAGE, REPLACEMENT AND TUCKPOINTING OF THE BRICK MASONRY, ROOFING, GUTTERS, DOWN SPOUTS AND FLASHING SHALL BE COMPLETELY STABLE AND SELF SUPPORTING WITHOUT FASTENING TO THE EXISTING BUILDING IN ANY WAY. NO ATTACHMENT OF ANY KIND TO THE EXISTING BUILDING PERMITTED. CONTRACTOR MUST DESIGN AND ERECT SCAFFOLDING TO MAINTAIN A MINIMUM OF 12 INCHES BETWEEN FACE OF SCAFFOLDING AND EXISTING BUILDING.

FLOOR - SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN

EXISTING MASONRY WALLS TO REMAIN

EXISTING DOOR TO REMAIN

PHOTO OF EXISTG CONDITION
- SHORING LIMITS

DETAIL REFERENCE

PLAN NOTE

ROOM NAME & ELEVATION

DETAIL REFERENCE

FLOOR PLAN - GENERAL NOTES

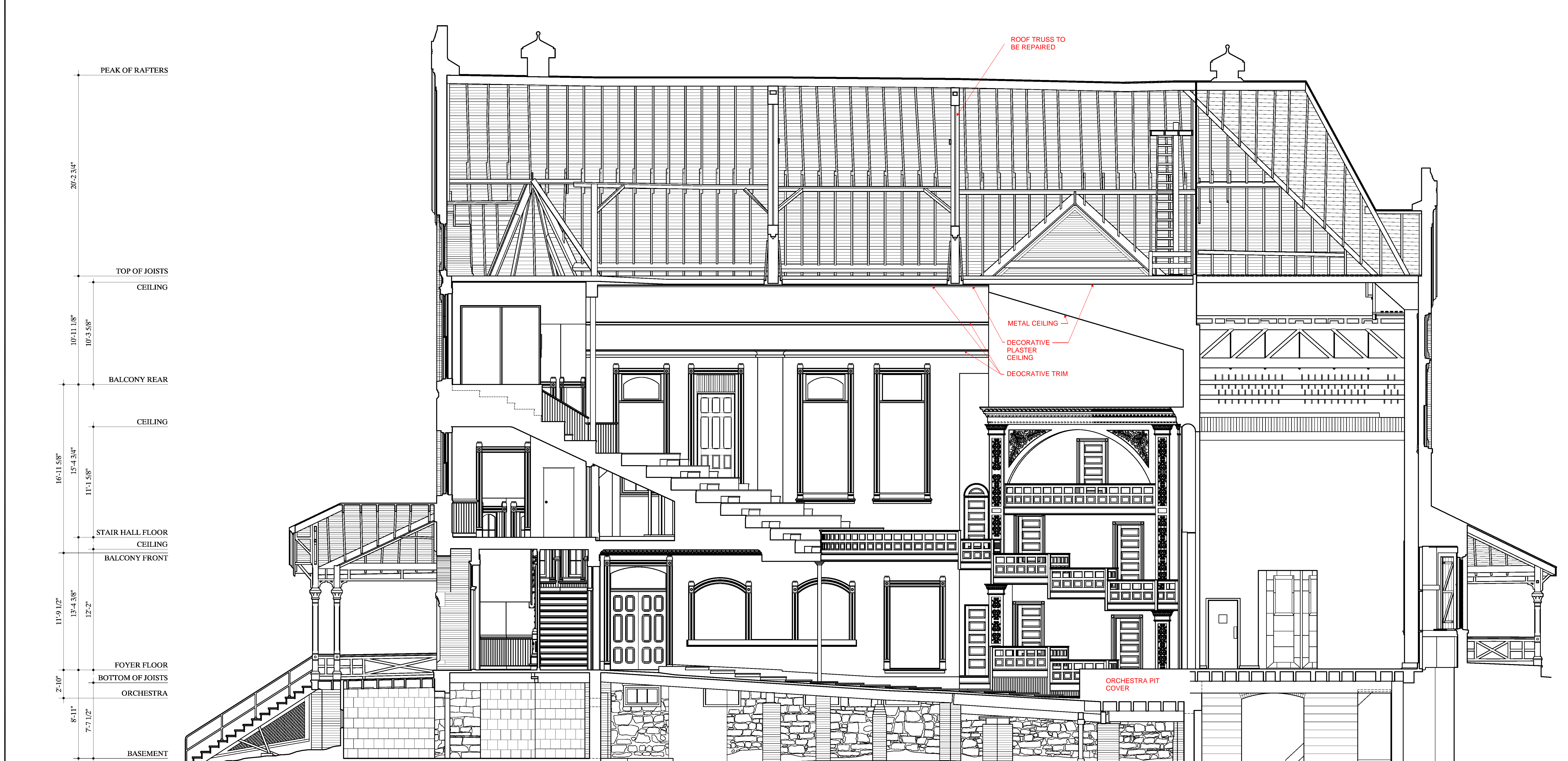
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- C. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.
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- J. CONTRACTOR RESPONSIBLE FOR REINSTALLATION OF ALL ITEMS REMOVED AND STORED. EXTREME CARE SHALL BE TAKEN IN HANDLING OF REMOVED, STORED AND REINSTALLED ITEMS. EVERY EFFORT SHALL BE MADE TO MAINTAIN EXISTING CONDITION DURING REMOVAL AND REINSTALLATION OF THESE ITEMS, INCLUDING ANY SPECIFICALLY LISTED ITEMS, TRIM AND/OR MOLDINGS AND THOSE ITEMS NEEDED TO BE REMOVED DURING CONSTRUCTION.

FLOOR PLAN NOTES

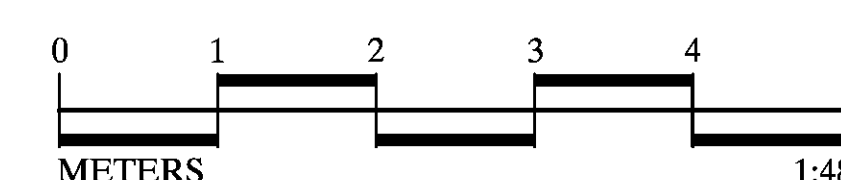
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FINAL CONSTRUCTION DOCUMENTS

Revisions:	Date	 <div>Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI</div>		KEY PLAN:  	CONSULTANTS:  11000 West Park Place • Milwaukee WI 53224 • Tel 414 359-3060 • Fax 414 359-3070   www.p.r.a.r.c.h.com	PROJECT LEADER/STRUCTURAL ENGINEER:  <div>CHEQUAMEGON BAY ENGINEERING, INC. © CRE 2002-2011 1109 N. MAYFAIR RD., SUITE 208 MILWAUKEE, WI 53226 PHONE: (414) 238-8004 FAX: (414) 238-8134</div>	Drawing Title Upper Mezzanine/ Lower Level Roof Plan - Architectural Repairs	Project Title Building No. 41 - Repair Building Service & Roof Truss Stabilization	Project Number 695-11-171	Office of Facilities Management 
				Approved: Project Director	Location V/A Medical Center, Milwaukee, WI	Date 19 June 2012	Checked By: PRA	Drawn By: rfk	Drawing Number A103	

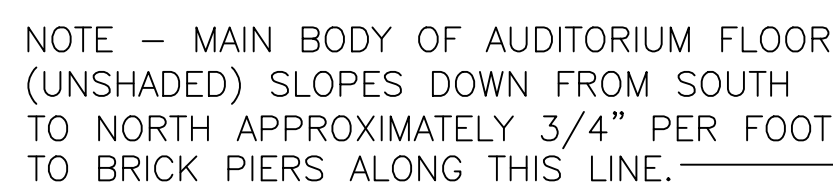


1/4"=1'-0" 1:48



Office of
Facilities
Management

 Department of
Veterans Affairs



INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS, BASED ON AVAILABLE EXISTING DOCUMENTATION AND FIELD INVESTIGATION. ARNOLD AND O'SHERIDAN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY BEYOND THE AREAS SPECIFICALLY UNCOVERED DURING FIELD INVESTIGATION. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS CRITICAL TO WORK, INCLUDING DIMENSIONS.

WOOD AT A TWO LOCATIONS AT THE ROOF AREA IN THE ATTIC LEVEL OF THE BUILDING HAVE BEEN TESTED BY FOREST PRODUCT LABS IN MADISON, WISCONSIN, AND FOUND TO BE RED PINE.

SOIL IN THE BASEMENT AREA HAS BEEN TESTED AT TWO LOCATIONS TO DETERMINE SUITABILITY FOR SUPPORT OF SHORING SYSTEMS AND LOADS. A REPORT PREPARED BY THE GEOTECHNICAL ENGINEER WHICH INCLUDES SOIL BEARING CAPACITY IS ON FILE FOR REVIEW AND USE OF THE CONTRACTOR. CONTRACTOR IS TO FAMILIARIZE HIMSELF WITH THE GENERAL INFORMATION AND SPECIFIC RECOMMENDATIONS OF THIS REPORT

- KEY NOTES FOR PLANS (CONTINUED):

- (D) 3) WYTHE BRICK WALL/PIERS 12 5/8" WIDE
- (E) 25 1/2"x25 1/2" BRICK RECTANGULAR PIERS ROTATED APPROXIMATELY 45 DEGREES FROM ORIENTATION OF PERIMETER BASEMENT WALLS.
- (F) 5 1/4"x7 3/8" WOOD COLUMN FROM BOTTOM OF STRUCTURE TO SOIL AT BASEMENT LEVEL. WORKING WEST TO EAST, COLUMNS SIT ON WOOD "FOOTING BLOCKS" OF THE FOLLOWING PLAN SIZES: [11 1/2"x12 1/2", 11 1/4"x14", 24"x7 1/4", 11 1/2"x13 1/2", 9"x22 3/4"]. PRESENCE OF ADDITIONAL STONE OR CONCRETE BELOW FOOTING BLOCKS HAS NOT BEEN VERIFIED. CENTER WOODEN COLUMN IS TOPPED WITH 7"x21 1/2" BEARING BLOCK.
- (G) 26"x26" BRICK CONCRETE PIER WITH CONCRETE CAP
- (H) FRAMING BENEATH STAGE AREA IS SHOWN SCHEMATICALLY BUT NOT SPECIFICALLY ANNOTATED AS IT IS BEYOND THE SCOPE OF WORK ANTICIPATED. SHOULD UNANTICIPATED SHORING IN THIS AREA BE REQUIRED, CONTRACTOR TO FIELD SURVEY AND ESTABLISH MEMBER FRAMING SIZES AS NECESSARY.
- (J) APPROXIMATE DISTANCE FROM BASEMENT FLOOR LEVEL TO BOTTOM OF STRUCTURE AT LOCATION MARKED BY ➡:
- Ⓐ 6'-1 1/4"
 - Ⓑ 5'-9"
 - Ⓒ 5'-2 1/2"
 - Ⓓ 4' 1 1/4"



LOW LEVEL FLOOR SUPPORT GIRDER (Cm)

MID LEVEL FLOOR SUPPORT BEAMS (Cn)

- UPPER LEVEL FLOOR SUPPORT BEAMS FOR ALCOVES AND BOX SEATS ABOVE (INDICATED ON DRAWINGS BY SHADING). BEAM SIZE APPROXIMATELY 3"x14" AT 16" OC. SPACING, ORIENTATION, EXTENT AND SUPPORT VARIES OVER PLAN AREA. NO SHORING PERMITTED IN THESE AREAS



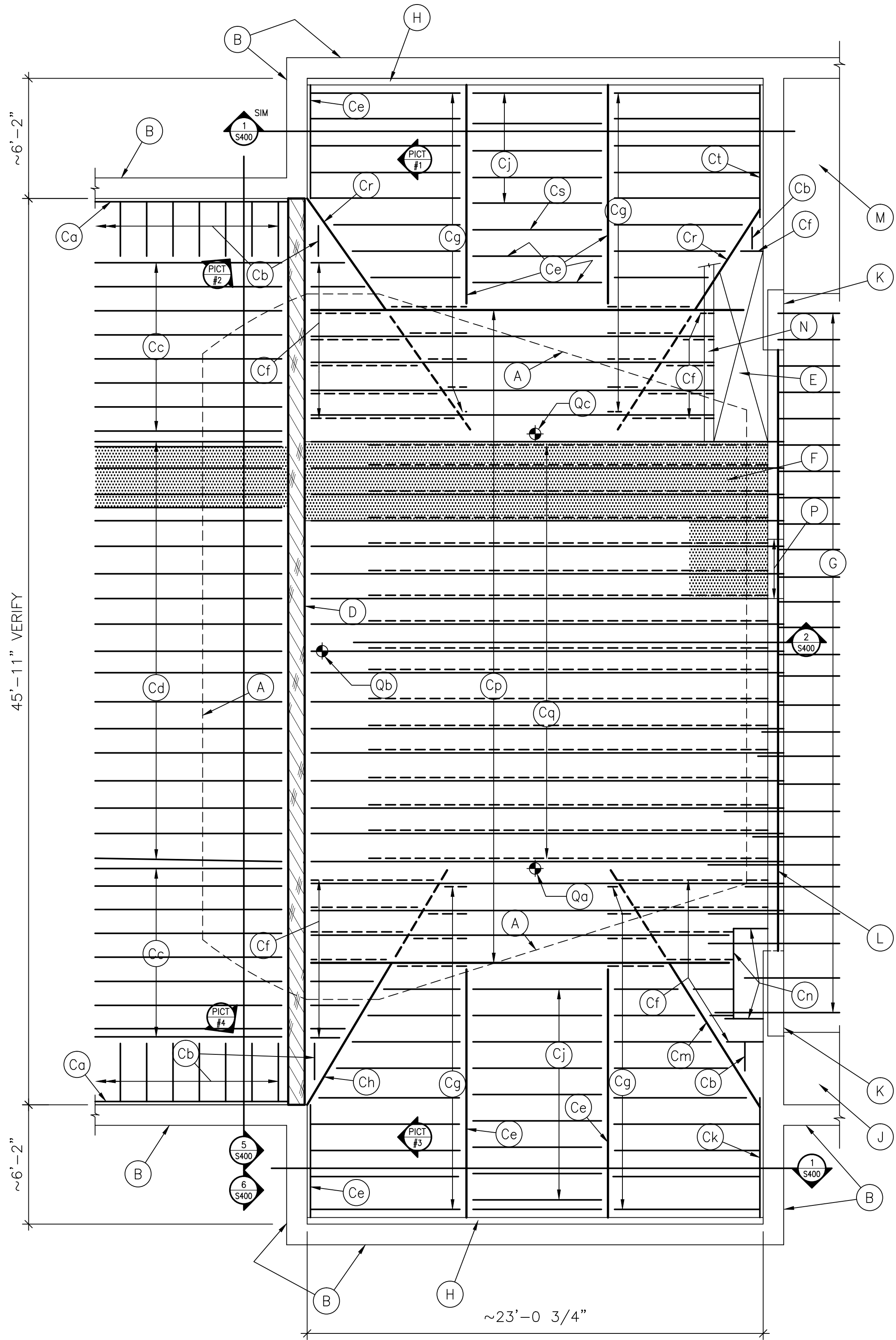
- (3) 1 7/8"x5 7/8" WALL STUDS _____
- 1 7/8"x5 7/8" HEAD PLATE _____
- (2) 3"x13 1/2" GIRDERS _____
- (2) 3"x13 1/4" GIRDERS _____
- FLOOR SUPPORT BEAMS BEYOND (Cw) _____
- (5) 1 7/8"x5 7/8" WALL STUDS _____
- (2) 7/8"x5 7/8" HEAD PLATES _____

Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items.

FINAL CONSTRUCTION DOCUMENTS

[illegible]

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



1 EXIST ATTIC FLOOR FRAMING PLAN

S101 SCALE: 1/4"=1'-0"

1. ADDITIONAL FRAMING NOT SHOWN OR OTHERWISE NOTED ON THESE PLANS EXISTS BELOW THE ATTIC FLOOR FRAMING. THE LARGEST PORTION OF THIS FRAMING EXISTS IN THE EAST AND WEST APSES ABOVE THE BOX SEATS AND ACCESS STAIRS BELOW, BUT MAY OCCUR AT OTHER LOCATIONS AS WELL. CONTRACTOR TO FIELD VERIFY ALL FRAMING CRITICAL FOR SHORING AND REPAIR ACTIVITIES.

- KEY NOTES FOR PLANS:
- INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS, BASED ON AVAILABLE EXISTING DOCUMENTATION AND FIELD INVESTIGATION. ARNOLD AND O'SHERIDAN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY BEYOND THE AREAS SPECIFICALLY UNCOVERED DURING FIELD INVESTIGATION. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS CRITICAL TO WORK, INCLUDING DIMENSIONS.
- WOOD AT TWO LOCATIONS AT THE ROOF AREA IN THE ATTIC LEVEL OF THE BUILDING HAVE BEEN TESTED BY FOREST PRODUCT LABS IN MADISON, WISCONSIN, AND FOUND TO BE RED PINE.
- A APPROXIMATE MAXIMUM PERMITTED PLAN EXTENT OF SHORING IN AUDITORIUM BELOW. CONTRACTOR TO VERIFY ACTUAL SHORING EXTENT BASED ON FIELD SURVEY AND LIMITATIONS CONTAINED IN DRAWINGS AND SPECIFICATIONS.
- B PERIMETER BUILDING WALLS ARE BEARING WALLS, AND CONSIST OF THREE OR FOUR WYTHES OF CREAM CITY BRICK. ACTUAL WALL THICKNESS, AND RELATIONSHIP TO RUBBLE WALLS AT FOUNDATION LEVEL VARIES OVER PLAN AREA SHOWN.
- C WOOD BEAM AND GIRDER SIZES NOTED ARE SUBJECT TO MINOR VARIATION EVEN WITHIN A CONTINUOUS RUN. SIZES NOTED REPRESENT ACTUAL MEASUREMENTS AT DISCRETE LOCATIONS. SPACING NOTED IS SUBJECT TO VARIATION.
- D 1 7/8"x1 7/8" CONTINUOUS PLATE AT TOP OF LATH AND PLASTER SUPPORT WALL BELOW. TOP OF PLATE LEDGER SET 30" BELOW TOP OF SUPPORTING BRICK WALL.
- E 1 7/8"x 1 7/8" PLASTER SUPPORT FRAMING @ 16" OC SLOPING DOWN TOWARDS EXTERIOR WALL AT APPROXIMATELY 40 DEGREE ANGLE FROM HORIZONTAL.
- F 1 7/8"x 5 7/8" CEILING SUPPORT BEAMS @16" OC STEPPING DOWN TOWARDS EXTERIOR WALL AT APPROXIMATELY 25 DEGREES FROM HORIZONTAL TO MATCH BOTTOM TRUSS CHORD.
- G 1 7/8" X 5 7/8" CEILING SUPPORT BEAMS @ 16" OC
- H 1 7/8"x4" BEAM. AT SOUTH WALL BEAM IS ATTACHED TO BRICK AS LEDGER BEAM
- I 1 7/8"x3 7/8" CEILING SUPPORT BEAMS @16" OC (NO SLOPE)
- J 1 7/8"x4" CEILING SUPPORT BEAMS @16" OC SLOPING DOWN TOWARD EXTERIOR WALL OR VALLEY RAFTER AT APPROXIMATELY 35 DEGREES FROM HORIZONTAL
- K 2 3/8"x5 7/8" VALLEY SUPPORT BEAM
- L 1 7/8"x4" CEILING SUPPORT BEAMS @16" OC (NO SLOPE)
- M 1 7/8"x7 3/4" BEAM ATTACHED TO BRICK WALL
- N 1 7/8"x7 3/4" VALLEY SUPPORT BEAM
- O 1"x1 7/8" CEILING SUPPORT BEAMS FRAMING OPENING THROUGH PLASTER CEILING BELOW
- P 2"x7 7/8" CEILING SUPPORT BEAMS @ 16" OC
- Q 1 7/8"x5 3/4" CEILING SUPPORT BEAMS BELOW FOR BARREL VAULTED CEILING - SEE 2/S400. BEAMS ARE HUNG AT SOUTH END FROM CEILING SUPPORT BEAMS (P) AND OTHERS, AND BEAR AT NORTH END ON PROSCENIUM TRUSS OR FRAME WALL. BEAM EXTENT IS APPROXIMATELY 10 FEET FURTHER TO THE EAST AND WEST THAN SHOWN ON PLAN (NOT SHOWN FOR CLARITY). BEAMS IN THOSE AREAS GRADUALLY SPLAY AT THE SOUTH END TO FOLLOW LINE OF CEILING VAULT BELOW.
- R 1 3/4"x7 3/4" VALLEY SUPPORT BEAM
- S 1 3/4"x5 7/8" CEILING SUPPORT BEAM
- T 1 3/4"x7 3/4" BEAM ATTACHED TO BRICK WALL AS LEDGER

- KEY NOTES FOR PLANS (CONTINUED):
- D MAJOR BUILDING SUPPORT TRUSS
- E OPENING IN ATTIC FLOOR FRAMING FOR ATTIC STAIR ACCESS
- F SHADING MARKS APPROXIMATE EXTENT OF WOOD WALKWAY, WHICH RESTS ON 1 7/8"x4" CROSS MEMBERS (NOT SHOWN) AT 2'-2" C/C
- G FRAMING ABOVE STAGE AREA IS SHOWN SCHEMATICALLY BUT NOT SPECIFICALLY ANNOTATED AS IT IS BEYOND THE SCOPE OF WORK ANTICIPATED. SHOULD UNANTICIPATED SHORING IN THIS AREA BE REQUIRED, CONTRACTOR TO FIELD SURVEY AND ESTABLISH MEMBER FRAMING SIZES AS NECESSARY.
- H INTERIOR BRICK LEDGE BELOW TOP OF FLAT APSE FRAMING
- J SLOPING ROOF AREA
- K 2"x10" STUD WALL BELOW BEARING ON EITHER BRICK MASONRY OR PROSCENIUM TRUSS. STUD WALL ABOVE IS 2"x3 3/4" @ 16" OC AND FLUSH WITH STAGE SIDE OF 2"x10" WALL BELOW.
- L PROSCENIUM TRUSS SPANNING STAGE OPENING BELOW
- M SLOPING ROOF AREA. ADDITIONAL STAGE SUPPORT FRAMING LOCATED BELOW ROOF AT LOWER LEVEL
- N 2"x4" STUD WALL BELOW
- P 3'-0" WIDE ACCESS DOOR TO TO FRAMING ABOVE STAGE FLOOR
- Q APPROXIMATE DISTANCE FROM TOP OF ATTIC FLOOR LEVEL TO BOTTOM OF ROOF STRUCTURE ABOVE AT LOCATION MARKED BY :
- a 8'-0 1/4" TO BOTTOM OF APSE RIDGE RAFTER
- b 19'-1 3/8" TO BOTTOM TO MAIN ROOF RIDGE RAFTER
- c 8'-1 3/4" TO BOTTOM OF APSE RIDGE RAFTER



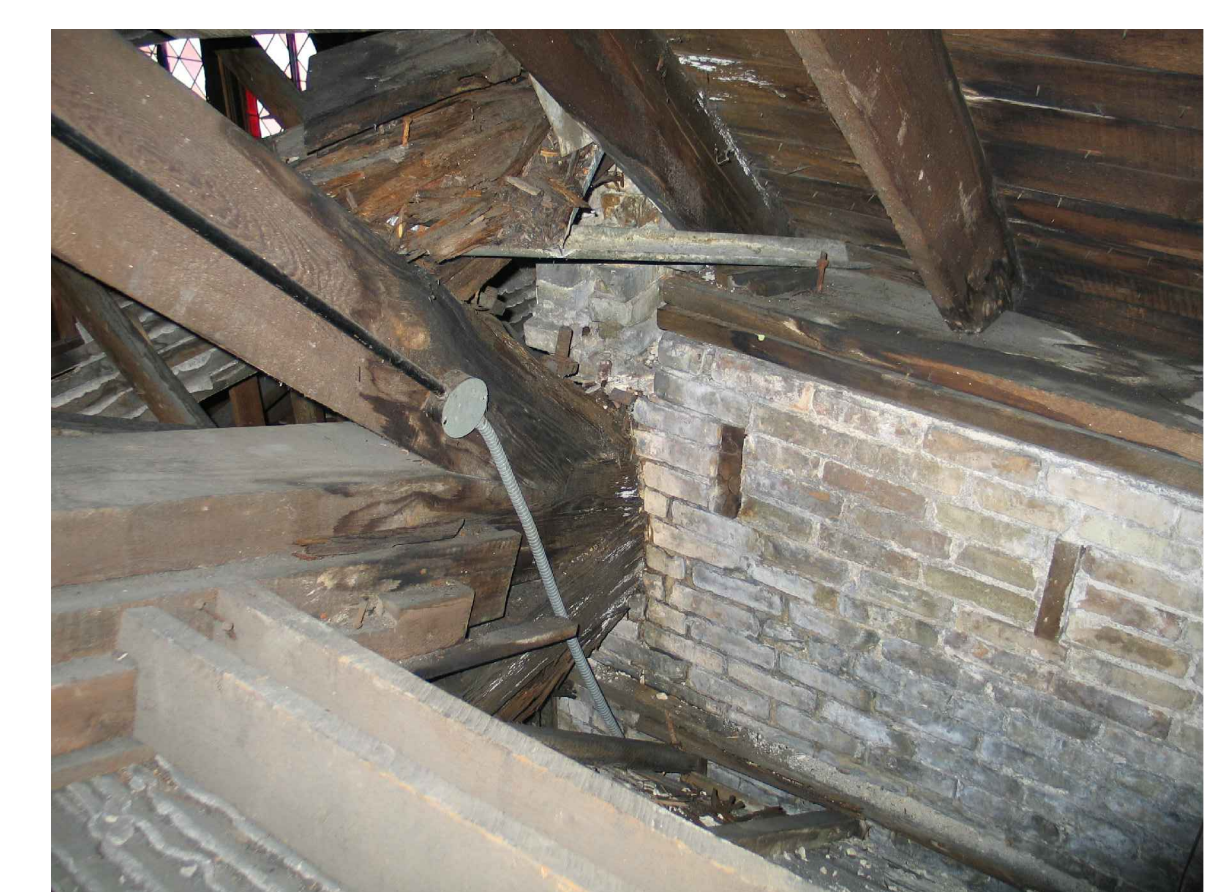
PICTURE DETAIL #1



PICTURE DETAIL #2



PICTURE DETAIL #3



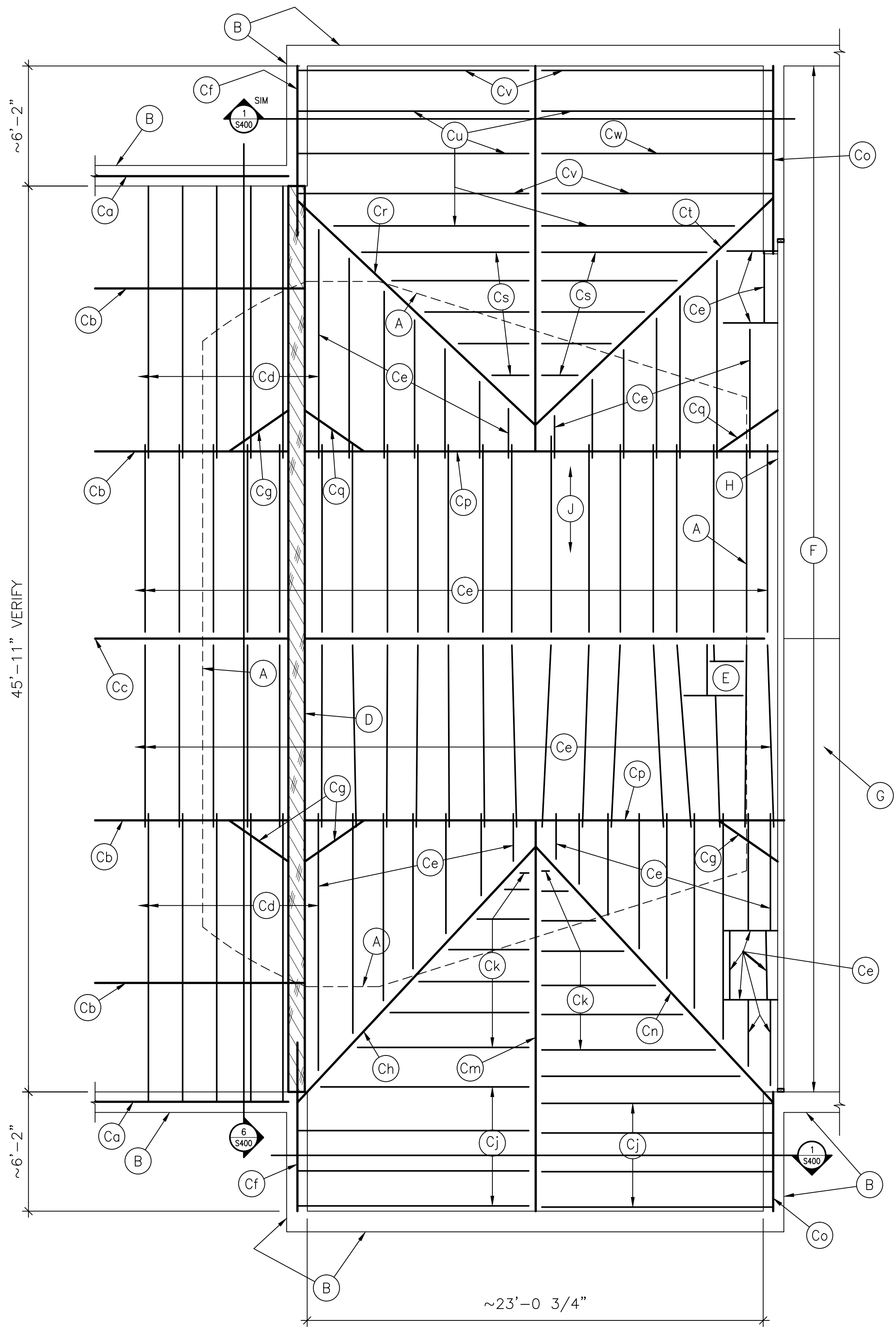
PICTURE DETAIL #4

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FINAL CONSTRUCTION DOCUMENTS

Revisions	Date	 Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI		KEY PLAN: ➡ 	CONSULTANTS:  ARNOLD AND O'SHERIDAN INC MADISON, WISCONSIN (608) 821-8500 FAX: (608) 821-8500 WWW.ARNOLDANDOSHERIDAN.COM	PROJECT LEADER/STRUCTURAL ENGINEER:  CHEQUAMEGON BAY ENGINEERING, INC. ASHLAND, WI 211 6TH STREET WEST ASHLAND, WI 54809 PHONE: (715) 682-6004 FAX: (715) 682-6005 MILWAUKEE, WI 1109 N. MAYFAIR RD., SUITE 208 MILWAUKEE, WI 53226 PHONE: (414) 258-6004 FAX: (414) 258-6154	Drawing Title FRAMING PLANS	Project Title Building No. 41 - Repair Building Service & Roof Truss Stabilization	Project Number 695-11-171	Office of Facilities Management 
							Approved: Project Director	Location VA Medical Center, Milwaukee, WI	Drawing Number S101	
Date 19 June 2012		Checked By: RWR	Drawn By: A+O							

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1 EXIST ROOF FRAMING PLAN

S104 SCALE: 1/4"=1'-0"

KEY NOTES FOR PLANS:

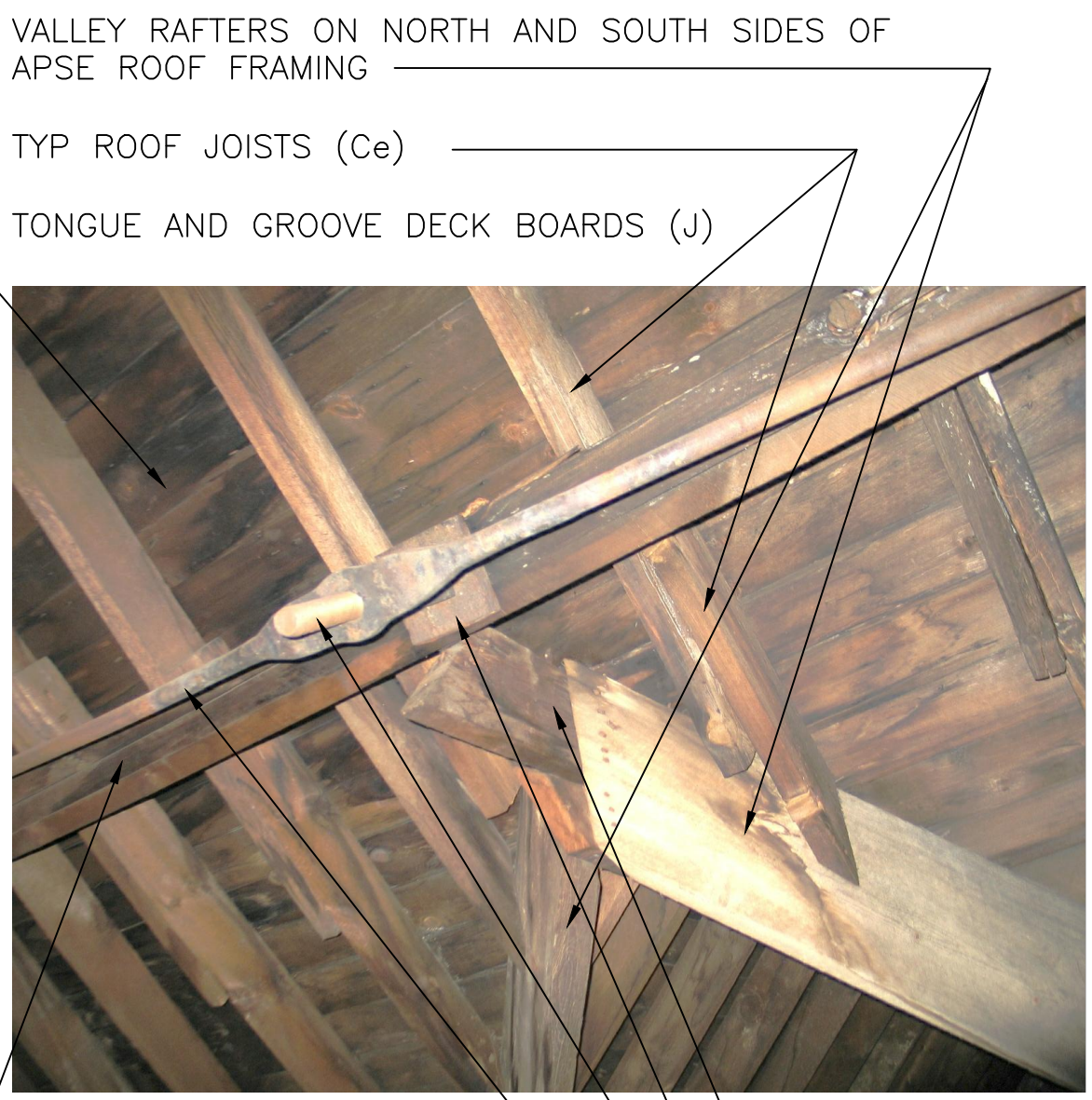
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- WOOD AT TWO LOCATIONS AT THE ROOF AREA IN THE ATTIC LEVEL OF THE BUILDING HAVE BEEN TESTED BY FOREST PRODUCT LABS IN MADISON, WISCONSIN, AND FOUND TO BE RED PINE.
- (A) APPROXIMATE MAXIMUM PERMITTED PLAN EXTENT OF SHORING IN AUDITORIUM BELOW. CONTRACTOR TO VERIFY ACTUAL SHORING EXTENT BASED ON FIELD SURVEY AND LIMITATIONS CONTAINED IN DRAWINGS AND SPECIFICATIONS.
- (B) PERIMETER BUILDING WALLS ARE BEARING WALLS, AND CONSIST OF TWO, THREE OR FOUR WYTHES OF CREAM CITY BRICK. ACTUAL WALL THICKNESS, AND RELATIONSHIP TO RUBBLE WALLS AT FOUNDATION LEVEL VARIES OVER PLAN AREA SHOWN.
- (C) WOOD BEAM AND GIRDER SIZES NOTED ARE SUBJECT TO MINOR VARIATION EVEN WITHIN A CONTINUOUS RUN. SIZES NOTED REPRESENT ACTUAL MEASUREMENTS AT DISCRETE LOCATIONS. SPACING NOTED IS SUBJECT TO SIGNIFICANT VARIATION.
- (D) (2) 1 1/2"x11 7/8" SILL PLATES
- (E) 5 7/8"x8" ROOF JOIST SUPPORT GIRDER
- (F) 1 7/8"x9 3/4" CONTINUOUS RIDGE BOARD
- (G) 1 7/8"x7 3/4" ROOF JOISTS @ 18" OC, BUT ACTUAL SPACING VARIES WIDELY. JOISTS ARE NOTCHED AT FIRST GIRDER SUPPORT
- (H) 1 3/4"x5 7/8" ROOF JOISTS @ 18" OC, BUT ACTUAL SPACING VARIES WIDELY.
- (I) MULTIPLE WYTHES OF 1 1/2"x11 7/8" SILL PLATES. QUANTITY VARIES ALONG LENGTH OF WALL. AT TRUSS END PLATES SPAN FROM WALL TO, AND ARE SUPPORTED ON TRUSS TOP CHORD
- (J) 3 3/4"x5 7/8" KNEE BRACE
- (K) 2 5/8"x11 7/8" VALLEY RAFTER
- (L) 1 7/8"x7 7/8" ROOF JOISTS @ 18" OC, BUT ACTUAL SPACING VARIES WIDELY
- (M) 1 7/8"x5 7/8" ROOF JOISTS @ 18" OC, BUT ACTUAL SPACING VARIES WIDELY
- (N) 1 7/8"x7 5/8" RIDGE BOARD
- (O) 2 7/8"x11 7/8" VALLEY RAFTER
- (P) MULTIPLE WYTHES OF 1 1/2"x11 7/8" SILL PLATES. QUANTITY VARIES ALONG LENGTH OF WALL
- (Q) (3) 1 7/8"x7 7/8" POST-TENSIONED WOOD BEAM WITH CENTER THREADED KING POST AND 1" DIAMETER IRON ROD. SEE DETAIL 1/S401
- (R) 1 7/8"x5 7/8" KNEE BRACE
- (S) 2 1/2"x11 7/8" VALLEY RAFTER
- (T) 1 7/8"x5 3/4" ROOF JOISTS AT 18" OC
- (U) 2 3/4"x11 5/8" VALLEY RAFTER
- (V) 1 7/8"x7 3/4" ROOF JOISTS
- (W) 1 7/8"x5 7/8" ROOF JOISTS
- (X) 1 7/8"x8" ROOF JOIST

KEY NOTES FOR PLANS (CONTINUED):

- (D) MAJOR BUILDING SUPPORT TRUSS
- (E) ROOF HATCH AND ACCESS LADDER BELOW (NOT SHOWN)
- (F) ROOF FRAMING ABOVE UPPER STAGE FRAMING NOT SHOWN AS IT IS BEYOND THE SCOPE OF WORK ANTICIPATED. SHOULD UNANTICIPATED SHORING IN THIS AREA BE REQUIRED, CONTRACTOR TO FIELD SURVEY AND ESTABLISH MEMBER FRAMING SIZES AS NECESSARY
- (G) SLOPING ROOF ABOVE STAGE AREA
- (H) STUD WALL CONSISTING OF 2"x3 3/4" @ 16" OC WITH DECK BOARDS ON STAGE SIDE OF WALL
- (J) 7/8"x5" TONGUE AND GROOVE DECK BOARDS - TYPICAL



PICTURE #1
ATTIC FLOOR FRAMING BELOW.
SEE SHEET S104
(3) PLY POST-TENSIONED SUPPORT BEAM, WITH THREADED KING POST AND TENSIONING ROD LAG SCREWED TO ENDS OF BEAM (Cp)
MAJOR BUILDING TRUSS BEYOND
ROOF JOISTS (Ce)
TONGUE AND GROOVE DECK BOARDS (J)



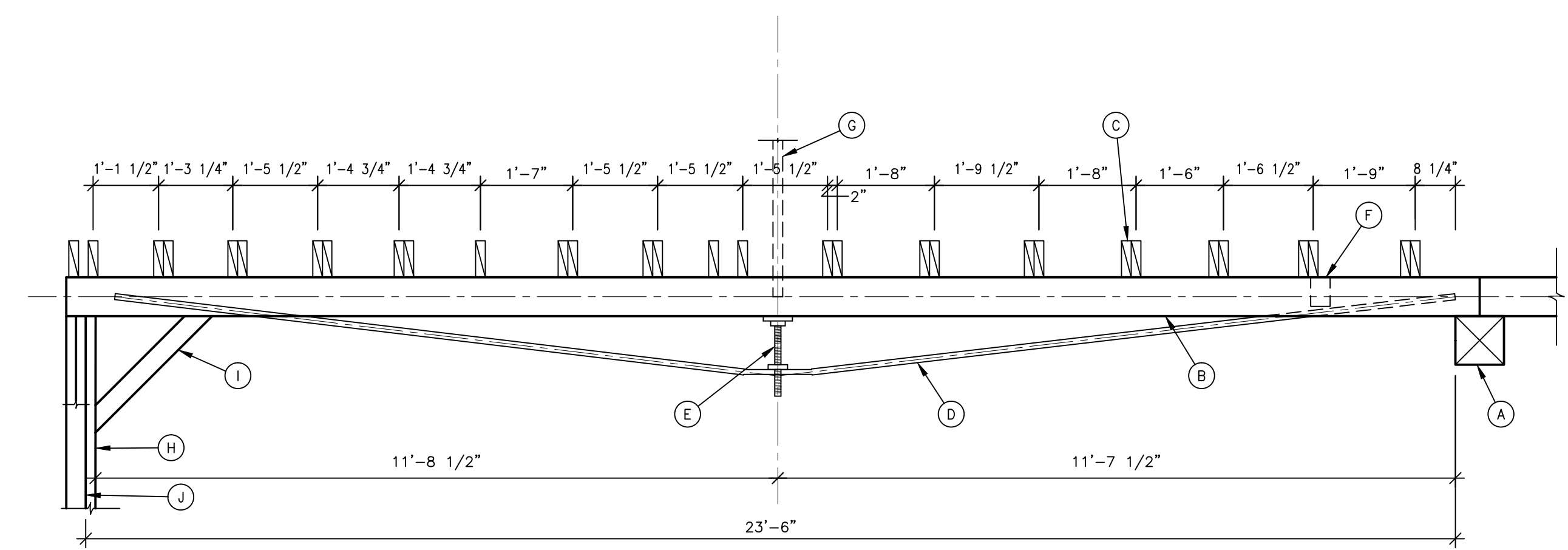
PICTURE #2
VALLEY RAFTERS ON NORTH AND SOUTH SIDES OF APSE ROOF FRAMING
TYP ROOF JOISTS (Ce)
TONGUE AND GROOVE DECK BOARDS (J)
(3) PLY POST-TENSIONED ROOF SUPPORT BEAM
1" DIAMETER IRON BAR
THREADED KING-POST WITH BASE SHOE
APSE RIDGE BOARD EXTENSION (Cm)

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FINAL CONSTRUCTION DOCUMENTS

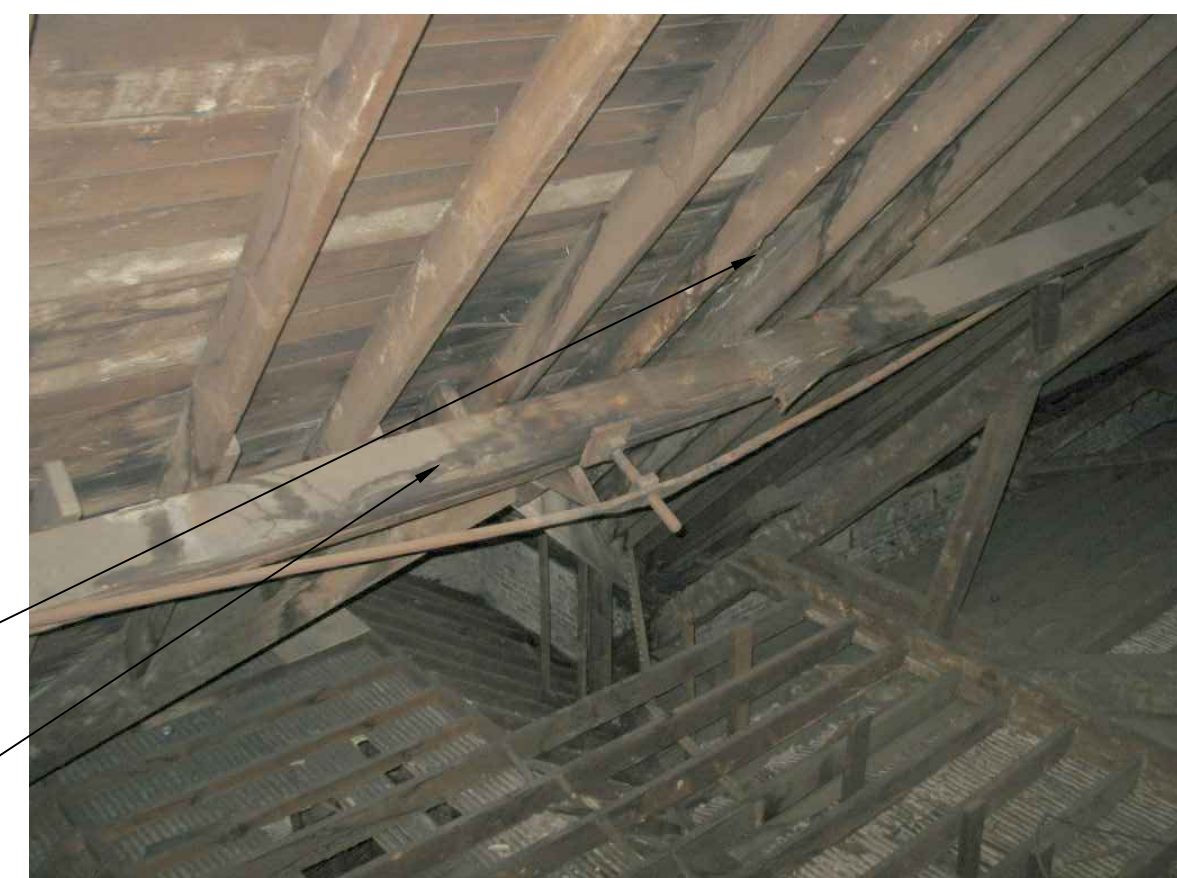
Revisions	Date	 Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI		KEY PLAN: ➡  AREA OF WORK	CONSULTANTS:  ARNOLD AND O'SHERIDAN INC. MADISON, WISCONSIN (608) 821-8800 FAX: (608) 821-8800 WWW.ARNOLDANDOSHERIDAN.COM	PROJECT LEADER/STRUCTURAL ENGINEER:  CHEQUAMEGON BAY ENGINEERING, INC. ASHLAND, WI 211 6TH STREET WEST ASHLAND, WI 54806 PHONE: (715) 682-6004 FAX: (715) 682-6005 MILWAUKEE, WI 1109 N. MAYFAIR RD., SUITE 208 MILWAUKEE, WI 53226 PHONE: (414) 258-6004 FAX: (414) 258-6154	Drawing Title FRAMING PLANS	Project Title Building No. 41 - Repair Building Service & Roof Truss Stabilization	Project Number 695-11-171	Office of Facilities Management  Department of Veterans Affairs
							Approved: Project Director	Location VA Medical Center, Milwaukee, WI	Building Number 41	
Date 19 June 2012	Checked By: RWR	Drawn By: A+O								

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



- KEY NOTES:
- (A) 10"x10" TRUSS TOP CHORD.
 - (B) EXTG 3-PLY 1 7/8"x7 7/8".
 - (C) EXTG 1 3/4"x5 7/8" ROOF RAFTERS. SPACING AS SHOWN.
 - (D) 1" IRON BAR, POST-TENSIONED. ATTACHED AT ENDS WITH LAG SCREWS.
 - (E) THREADED BAR WITH NUTS AND PLATE WASHER.
 - (F) KNEE- BRACE BELOW.
 - (G) RIDGE BEAM BELOW.
 - (H) (3)- 2"x6" BRACE.
 - (I) KNEE BRACE.
 - (J) 2"x4" STUD WALL.

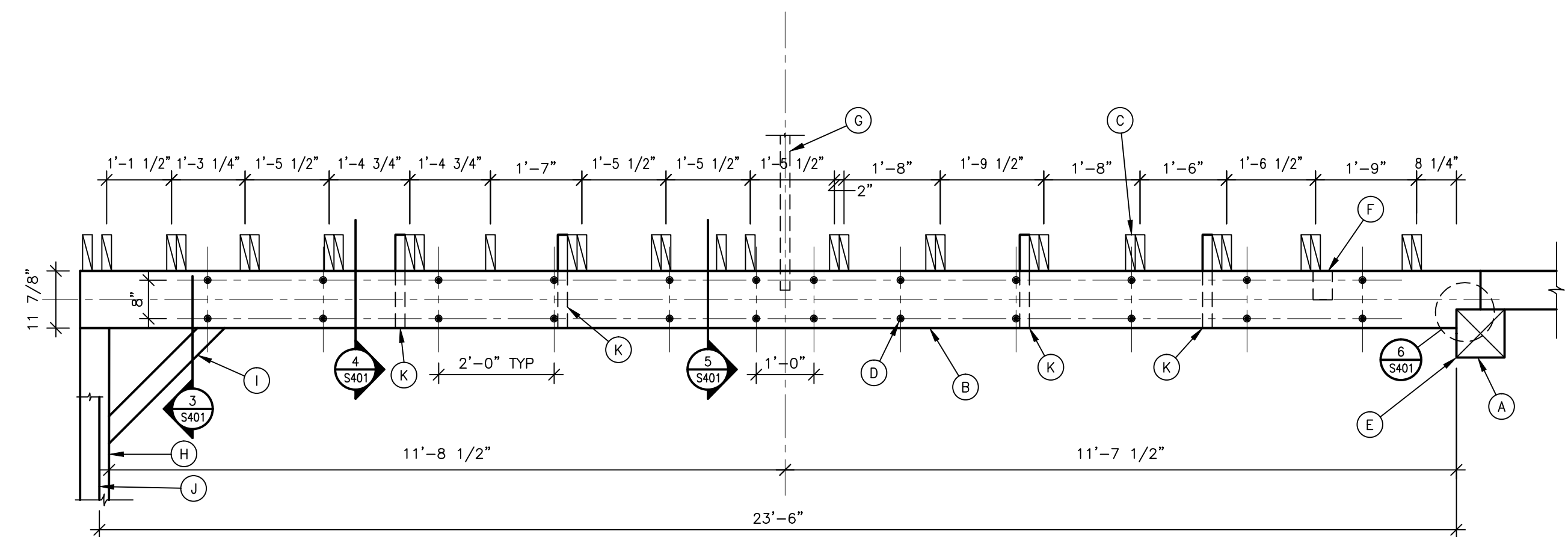
1 EXTG FIELD-ADJUSTED POST TENSIONED BEAM TO BE REPLACED
SCALE: 1/2"=1'-0"



POST-TENSIONED BEAM - OVERALL
FAILING POST-TENSIONED ROOF SUPPORT BEAM TO BE REPLACED AS DESCRIBED ELSEWHERE
AREA OF ROOF LEAKAGE. LIMITED DECKING REPLACEMENT REQUIRED AS DESCRIBED IN SPECIFICATIONS.

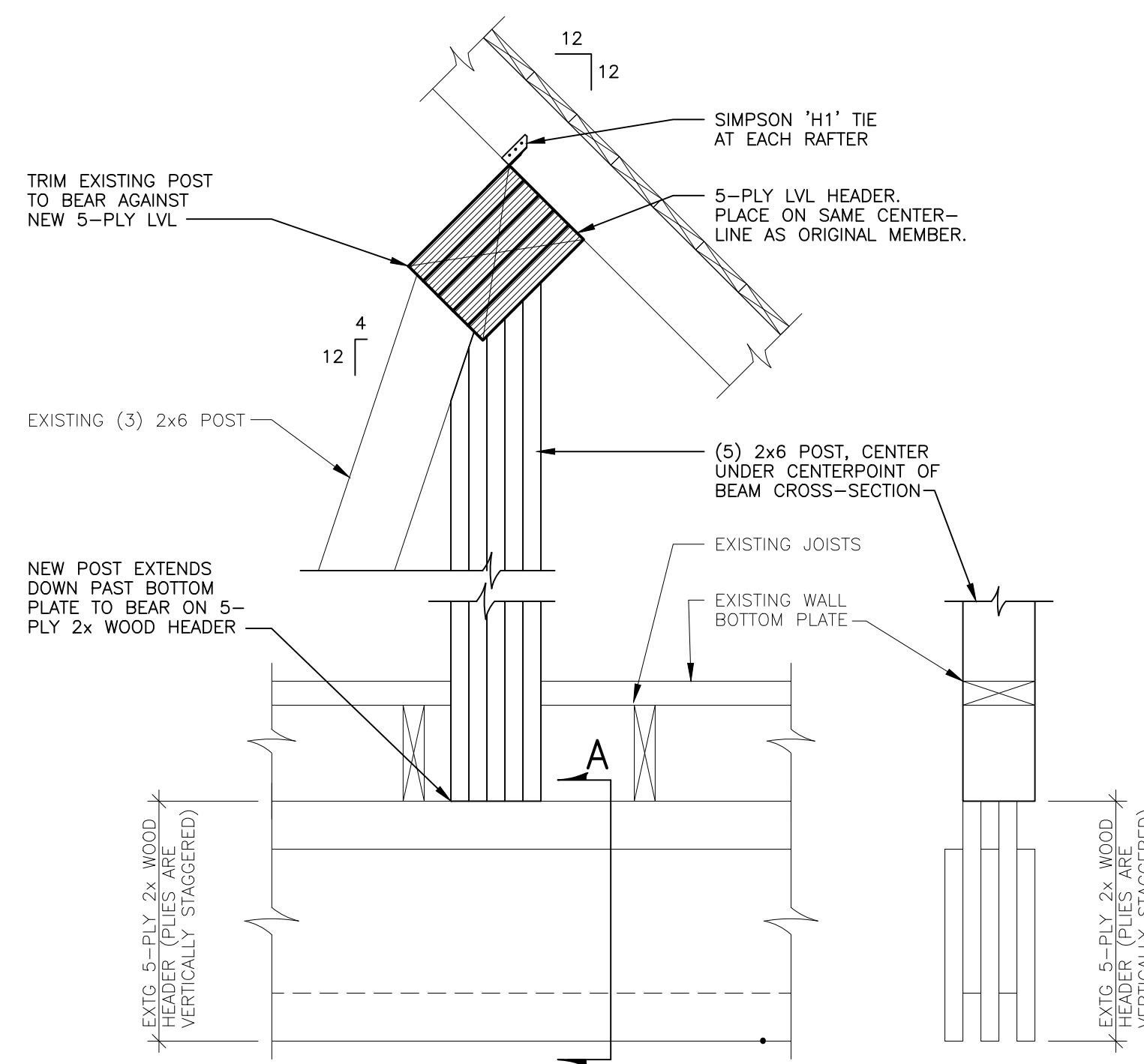


POST-TENSIONED BEAM - CLOSEUP
FAILING POST-TENSIONED ROOF SUPPORT BEAM TO BE REPLACED AS DESCRIBED ELSEWHERE
REPLACE DECKING IN LIMITED AREA AT LOCATION OF WATER LEAK ABOVE (NOT SHOWN), WHERE EXISTING DECKING HAS DETERIORATED. ASSUME REPLACEMENT OF SIX SQUARE FEET OF DECKING.
REMOVE MOLDED AND ROTTED PORTIONS OF ROOF JOIST (HIDDEN). ATTACH NEW MEMBER TO SUPPLEMENT REMAINING PORTION OF JOIST AS GENERALLY DESCRIBED ELSEWHERE.
REPLACE ROTTED AND DETERIORATED ROOF JOIST.

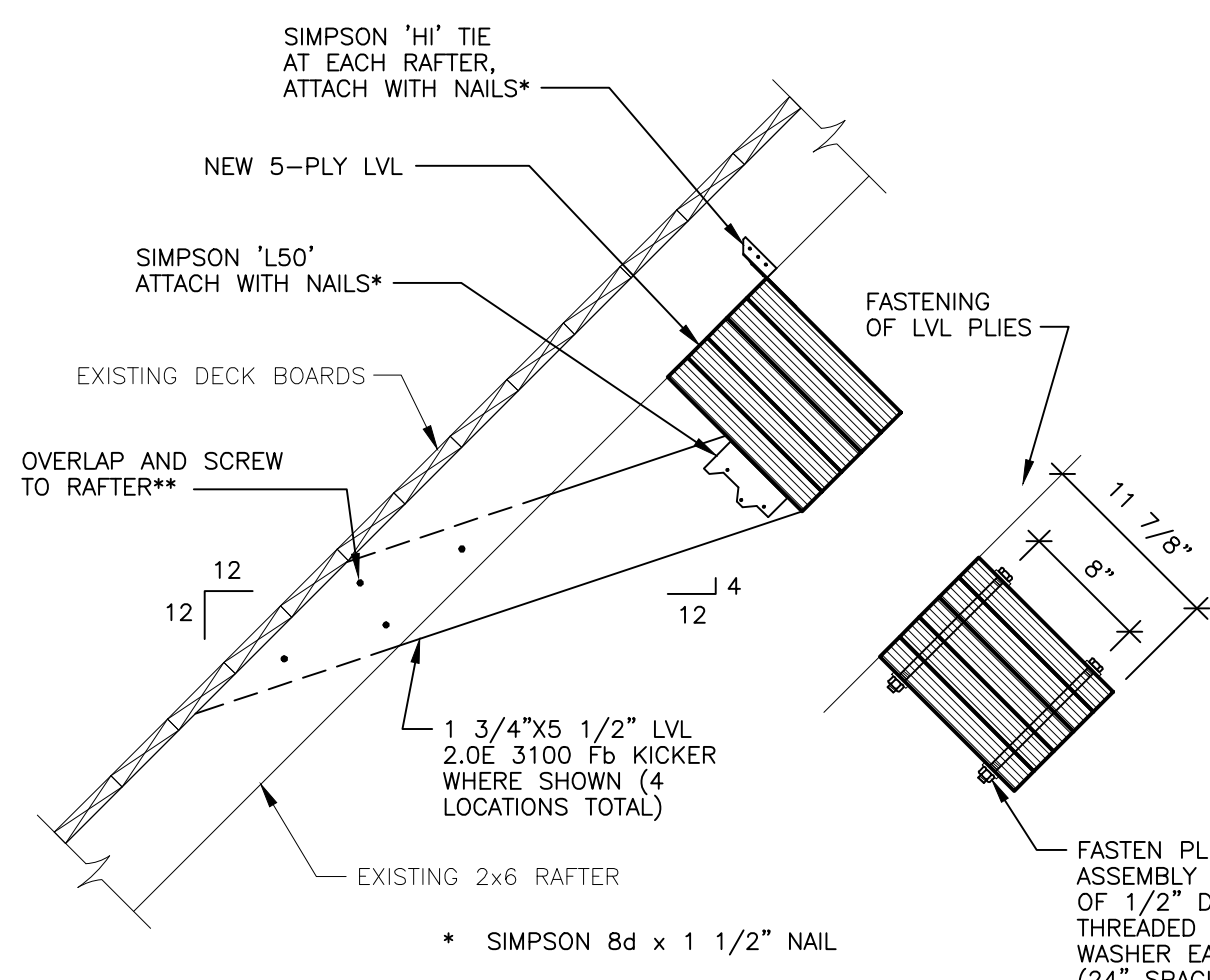


- KEY NOTES:
- (A) 10"x10" TRUSS TOP CHORD.
 - (B) NEW 5-PLY 1 3/4"x11 7/8" LVL 2.0E 3100 PSI Fb. PLACE ON SAME CENTERLINE AS ORIGINAL MEMBER.
 - (C) EXTG 2"x6" ROOF RAFTERS. SPACING AS SHOWN.
 - (D) 2-ROWS OF 1/2" DIAMETER BOLTS OR THREADED RODS WITH WASHER EACH SIDE.
 - (E) PROFILE END OF LVL ASSEMBLY TO BEAR ON EXTG TRUSS TOP CHORD.
 - (F) KNEE BRACE BELOW, RE-INSTALL.
 - (G) RIDGE BEAM BELOW.
 - (H) (3)- 2"x6" BRACE.
 - (I) KNEE BRACE.
 - (J) 2x4 STUD WALL.
 - (K) 1 3/4"x5 1/2" LVL 2.0E 3100 Fb KICKER.

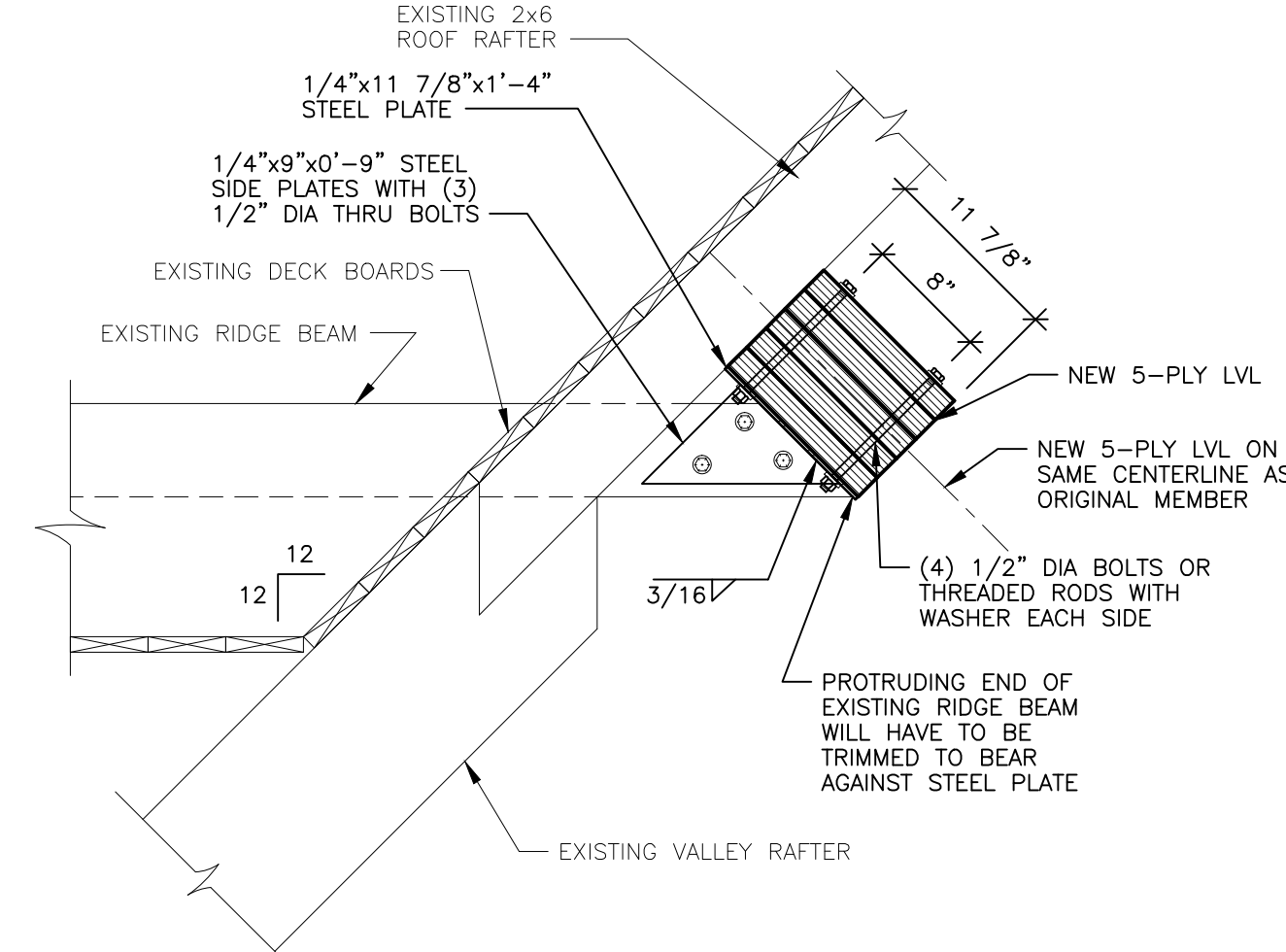
2 PARTIAL REPAIR ELEVATION FOR FIELD-ADJUSTED POST TENSIONED BEAM
SCALE: 1/2"=1'-0"



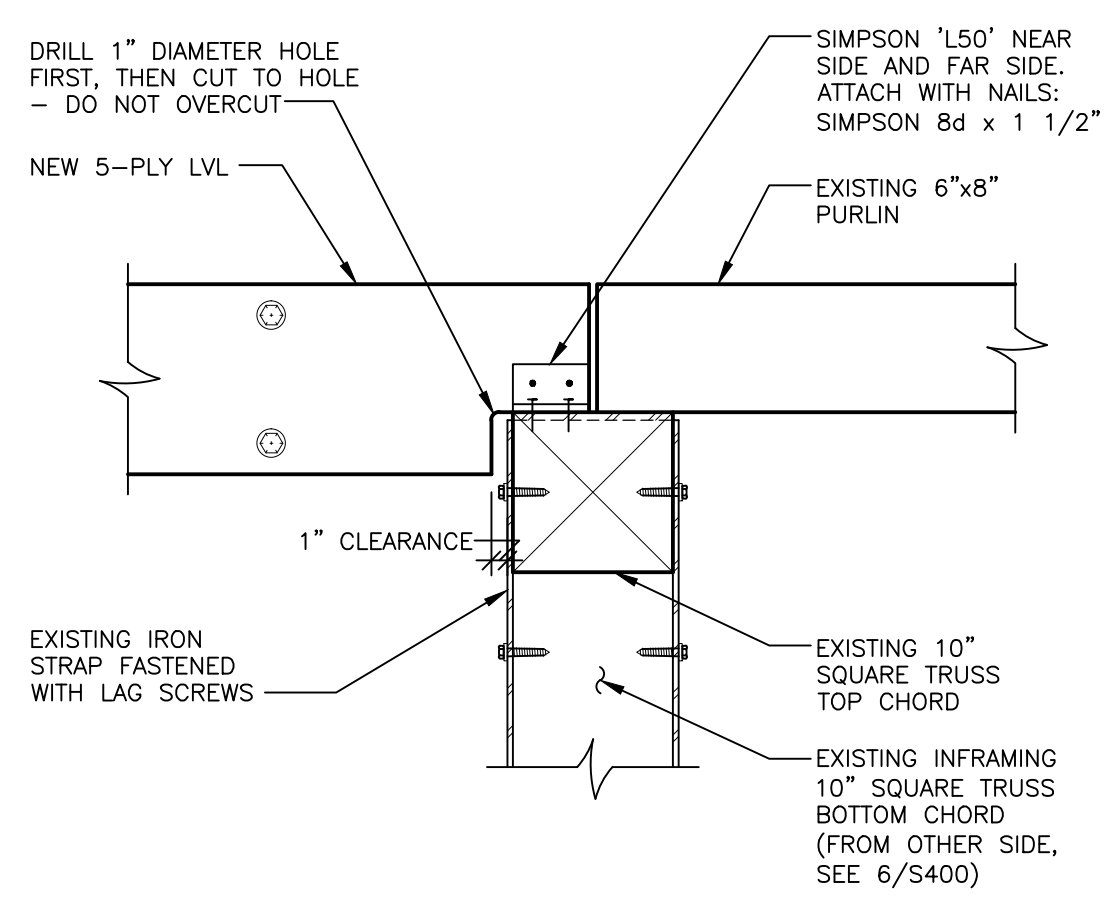
3 BEAM REPAIR - END BEARING DETAIL
SCALE: 1"=1'-0"



4 BEAM REPAIR DETAIL
SCALE: 1"=1'-0"





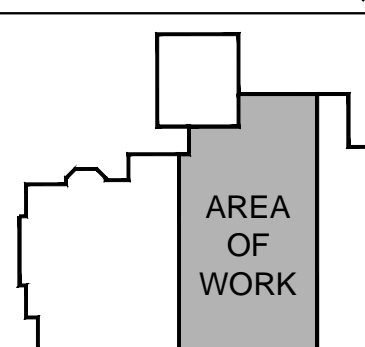
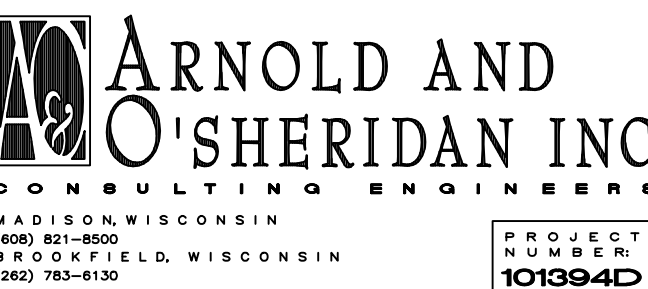


5 RIDGE BEAM BEARING DETAIL
SCALE: 1"=1'-0"



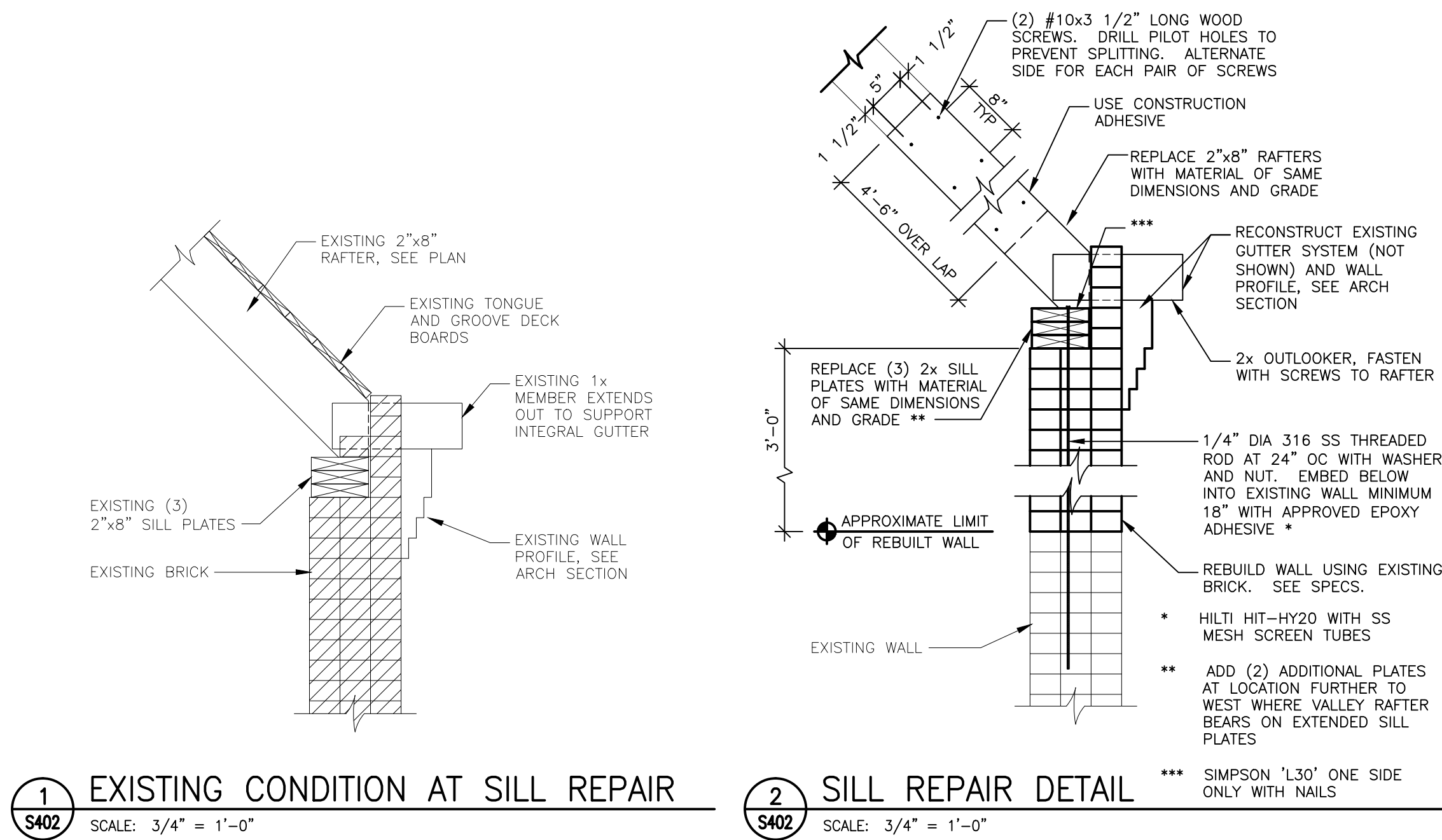
6 SECTION
SCALE: 1"=1'-0"

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FINAL CONSTRUCTION DOCUMENTS

Revisions	Date	 Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI		KEY PLAN: ➡ 	CONSULTANTS:  ARNOLD AND MOSHERIDAN INC WISCONSIN 1019940	PROJECT LEADER/STRUCTURAL ENGINEER:  CHEQUAMEGON BAY ENGINEERING, INC. ASHLAND, WI 211 6TH STREET WEST ASHLAND, WI 54809 PHONE: (715) 682-6004 FAX: (715) 682-6005 MILWAUKEE, WI 1109 N. MAYFAIR RD., SUITE 208 MILWAUKEE, WI 53226 PHONE: (414) 258-6004 FAX: (414) 258-6154	Drawing Title BEAM REPLACEMENT	Project Title Building No. 41 - Repair Building Service & Roof Truss Stabilization	Project Number 695-11-171	Office of Facilities Management 
							Approved: Project Director	Location VA Medical Center, Milwaukee, WI	Drawing Number S401	
Date 19 June 2012		Checked By: RWR	Drawn By: A+O							

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one eighth inch = one foot
one eighth inch = one foot



REPLACE TRUSS CONNECTION AND BEARING BLOCK AS DESCRIBED ELSEWHERE

REMOVE MOLDED AND ROTTED PORTIONS OF ROOF JOIST. ATTACH NEW MEMBER TO SUPPLEMENT REMAINING PORTION OF JOIST AS GENERALLY DESCRIBED ELSEWHERE.

REMOVE AND REPAIR ROTTED SILL PLATES AS DESCRIBED ELSEWHERE.

SOUTH WALL IN EAST APSE

MAJOR CRACK IN SUPPORT WALL THROUGH UNKNOWN NUMBER OF BRICK WYTHES.

ANTICIPATED AREA OF BRICK REMOVAL REQUIRED TO REBUILD SUPPORT WALL FOR TRUSS BEARING. BRICK TO BE REMOVED TO SOUND MASONRY. IT IS ANTICIPATED THAT THREE VERTICAL COURSES OF MASONRY BENEATH TRUSS BEARING WILL REQUIRE REMOVAL AND REPLACEMENT. CONTRACTOR TO MAINTAIN INTEGRITY OF EXTERIOR WYTHE OF BRICK IF POSSIBLE, BUT REPAIR TO EXTEND THROUGH AS MANY WYTHES AS NECESSARY TO SUCCESSFULLY TIE ENTIRE WALL TOGETHER AND TO FACILITATE SUCCESSFUL INSTALLATION OF TRUSS REPAIR. SALVAGE BRICK FOR REINSTALLATION.

EAST TRUSS CONNECTION

REMOVE AND SALVAGE FOR REUSE THE MINIMUM AMOUNT OF DECORATIVE WOOD TRIM BETWEEN SEGMENTED CEILING SECTIONS BELOW (NOT SHOWN) NECESSARY TO PREVENT DAMAGE DURING CEILING BEAM AND LATHE AND PLASTER REMOVAL. CUT CEILING BEAMS AS DESCRIBED ELSEWHERE AND REMOVE MINIMUM AMOUNT OF LATHE AND PLASTER CEILING NECESSARY TO INSTALL TRUSS CONNECTION REPAIR DESCRIBED ELSEWHERE. REPAIR CEILING BEAMS AS DESCRIBED ELSEWHERE. REPLACE LATHE AND PLASTER CEILING TO ORIGINAL CONDITION UPON COMPLETION OF REPAIR WORK. REINSTALL DECORATIVE WOOD TRIM.

REPLACE TRUSS CONNECTION AND BEARING BLOCK AS DESCRIBED ELSEWHERE

REPLACE SILLS SUPPORTING VALLEY RAFTER AS DESCRIBED ELSEWHERE

ANTICIPATED AREA OF BRICK REMOVAL TO FACILITATE INSTALLATION OF TRUSS CONNECTION REPAIR DESCRIBED ELSEWHERE. CONTRACTOR TO MAINTAIN INTEGRITY OF EXTERIOR WYTHE OF BRICK IF POSSIBLE, BUT REPAIR TO EXTEND THROUGH AS MANY WYTHES AS NECESSARY FOR SUCCESSFUL INSTALLATION OF TRUSS REPAIR. SALVAGE BRICK FOR REINSTALLATION.

REMOVE MOLDED AND ROTTED PORTIONS OF ROOF JOIST. ATTACH NEW MEMBER TO SUPPLEMENT REMAINING PORTION OF JOIST AS GENERALLY DESCRIBED ELSEWHERE.

REPLACE DECKING IN LIMITED AREA AT LOCATION OF WATER LEAK WHERE EXISTING DECKING HAS DETERIORATED. ASSUME REPLACEMENT OF FOUR SQUARE FEET OF DECKING.

REMOVE AND REPAIR ROTTED SILL PLATES AS DESCRIBED ELSEWHERE.



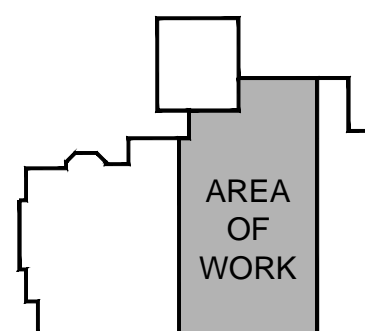
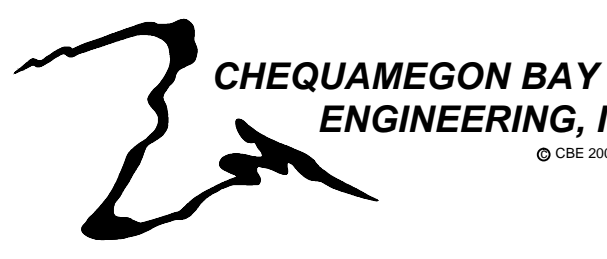
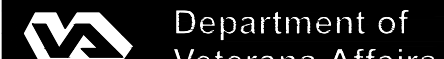
WEST TRUSS CONNECTION

ANTICIPATED AREA OF BRICK REMOVAL TO FACILITATE INSTALLATION OF TRUSS CONNECTION REPAIR DESCRIBED ELSEWHERE. CONTRACTOR TO MAINTAIN INTEGRITY OF EXTERIOR WYTHE OF BRICK IF POSSIBLE, BUT REPAIR TO EXTEND THROUGH AS MANY WYTHES AS NECESSARY FOR SUCCESSFUL INSTALLATION OF TRUSS REPAIR. SALVAGE BRICK FOR REINSTALLATION.

REMOVE AND SALVAGE FOR REUSE THE MINIMUM AMOUNT OF DECORATIVE WOOD TRIM BETWEEN SEGMENTED CEILING SECTIONS BELOW (NOT SHOWN) NECESSARY TO PREVENT DAMAGE DURING CEILING BEAM AND LATHE AND PLASTER REMOVAL. CUT CEILING BEAMS AS DESCRIBED ELSEWHERE AND REMOVE MINIMUM AMOUNT OF LATHE AND PLASTER CEILING NECESSARY TO INSTALL TRUSS CONNECTION REPAIR DESCRIBED ELSEWHERE. REPAIR CEILING BEAMS AS DESCRIBED ELSEWHERE. REPLACE LATHE AND PLASTER CEILING TO ORIGINAL CONDITION UPON COMPLETION OF REPAIR WORK. REINSTALL DECORATIVE WOOD TRIM.

REPLACE DETERIORATING TRUSS CONNECTION AND BEARING BLOCK AS DESCRIBED ELSEWHERE

FINAL CONSTRUCTION DOCUMENTS

Revisions	Date	 Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI		KEY PLAN: → 	CONSULTANTS:  ARNOLD AND MOSHERIDAN INC MADISON, WISCONSIN 4080 621-8500 4080 621-8500 WWW.ARNOLDANDMOSHERIDAN.COM	PROJECT LEADER/STRUCTURAL ENGINEER:  CHEQUAMEGON BAY ENGINEERING, INC. ASHLAND, WI 211 6TH STREET WEST ASHLAND, WI 54809 PHONE: (715) 682-4004 FAX: (715) 682-4005 MILWAUKEE, WI 1109 N. MAYFAIR RD., SUITE 208 MILWAUKEE, WI 53226 PHONE: (414) 258-4004 FAX: (414) 258-6154	Drawing Title DETAILS	Project Title Building No. 41 - Repair Building Service & Roof Truss Stabilization	Project Number 695-11-171	Office of Facilities Management 	
						Approved: Project Director	Location VA Medical Center, Milwaukee, WI	Building Number 41	Drawing Number S402		
							Date 19 June 2012	Checked By: RWR	Drawn By: A+O		